



EUROCOPTER

2009

ACCESSORIES CATALOG



Jeff Shapiro
President/CEO

DART Helicopter Services: We Engineer Solutions

This 2009 catalog is our biggest ever – with more than 1,000 new solutions engineered to help meet your operational challenges.

There has never been a better time to be part of the most exciting industry in the world. Presented with extraordinary opportunities for growth and expansion, DART has strategically focused only on those that support our core mission — providing you with helicopter accessories that make your operation safer, more efficient, and more profitable. Some of these include:

- The acquisition of Canam Aerospace and Cargo Net Innovations. This expands our portfolio of long line cargo hooks, bag automated transporters, primary hooks, carousels, long line nubbins, swivels, shock absorbers, logging grapples, synthetic long lines, and cargo nets for a variety of helicopter models.
- Agreements to distribute a range of new products from AKV Inc., Red Barn Machine, and Spectrolab. Their respective products include turbine engine cycle counters, standard and custom tools for engine overhaul and repair, and searchlights, including the popular Nightsun® series.
- Agreements to distribute special ops equipment and ground support dollies for Tyler and Mainline.
- Establishment of a new warehouse/distribution center for helicopter accessories in Hong Kong.

This year's catalog includes more than 2,500 individual parts and accessories for your helicopters. That's a growth of more than 1,000 products since our last catalog was issued. As you review the product listings for your helicopter model, please note the special designations for MME or "Maintenance Made Easy" products. These accessories will streamline your maintenance efforts, so they are definitely worth a look.

What's ahead for 2009? More of the same. Great products. Great Service. Strategic Growth. All focused on you and your operational requirements.

My team and I appreciate your business and your support.



DART Helicopter Services, LLC

P.O. Box 430, Piney Flats, TN 37686

Sales Office

352 Main Street West

Suite 103

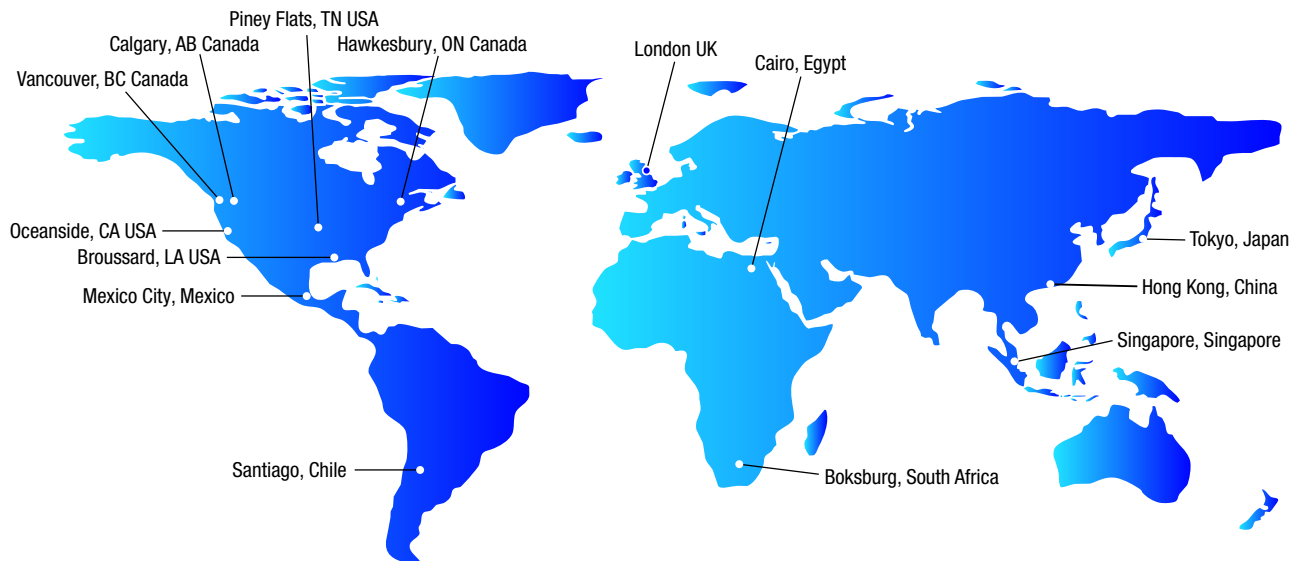
Hawkesbury, ON K6A 2H8

1-800-556-4166 or 1-613-632-3336

Fax: 1-613-632-4443

Email: sales@darthelicopterservices.com

LOCATIONS



OUR TEAM HAS OVER 150 YEARS OF INDUSTRY EXPERIENCE



Peggy McDonald
Director of
World Wide Sales



Tham Wei Min
South East Asia
Sales Representative



Roberto Sieveking
Latin America
Sales Representative



Heather Mahon
North America
Sales Manager



Robbin Fraser
International
Sales Associate



Jennifer Renwick
Marketing Coordinator



Sam Summers
New Business Liaison



Lucie Gaumond-Lamoureux
Sales Associate



Shirley Hay
Sales Associate



Carole O'Rourke
Sales Associate



Carrie Pearson
Sales Associate



Holly Menard
Marketing Coordinator



Steve Joseph
President of
Geneva Aviation



Steve Cudnofskey
Geneva Aviation
Tech Support



Dan Stow
DART Aerospace
Tech Support



Lisa Mansfield
Apical Industries
Tech Support



Jean Kerr
Sales Support



Linda Pilon
Marketing Support

Mounts.....	263
Avionics Accessories.....	266
Air Conditioning.....	277
Interiors	278
Shoulder Harness Kits.....	279
Seating	281
Stretcher Kit.....	284
Dual Controls	285
Dome Light / Air Vent Assembly	286
Performance Upgrade	287
MME - Dual Tachometer Indicator.....	288
MME - Ng/Np Engine Cycle Counter.....	289
MME - Inlet Barrier Filters.....	290
MME - LTS101 Scavenge Oil Filter with Chip Plug	291
MME - RR C20F and C20R Scavenge Oil Filters	291
MME - De-Icing & Debris Fuel Filter.....	292
MME - AS 355 Push-Pull Governor Control Cables	293
MME - LTS101 SS Gearbox Vent Tube	294
MME - Aft Door Assy & Hinge Modification Kit	295
MME - Side Door Assy & Latch Modification Kit	295
MME - Replacement Lower Forward	296
MME - Replacement Transmission Cowl	296
MME - Battery Conversion Kits.....	297
Cover & Socks	298
Aircraft Disabling Kit	298

EC 120

Flotation Equipment	301
Skid tubes and Wearplates.....	302
Bearpaws.....	303

EC 130

Flotation Equipment	304
Cargo Expansion	305
Bearpaws.....	307
Auxiliary Fuel Tank.....	308
MME - Inlet Barrier Filters.....	309

EC 135

Skid tubes and Wearplates.....	310
Flotation Equipment	312
Bearpaws.....	313

BO 105

Skid tubes and Wearplates.....	317
Flotation Equipment	318
Bearpaws.....	320
Windows	321
Avionics Accessories.....	322
Interiors	324
Interior Accessories.....	325
MME - Replacement Fuel Cell	326
MME - Linear Actuator	327
MME - Oil Cooler Fairing	327
Cover & Socks	328

EUROCOPTER

Tooling

Eurocopter Tools	229
Tri-Roller Staking Tools.....	230

AS 350/AS 355

Landing Gear.....	233
Crosstubes	234
Skid tubes and Wearplates.....	235
Access Steps	239
Platform	242
Fast Rope.....	243
Flotation Equipment	245
Cable Cutters Kit.....	249
Bearpaws.....	250
Cargo Expansion	251
Auxiliary Fuel Tank.....	257
Windows	258
Vertical Reference Operation	259
Cameras	261

EC 145/BK 117

Flotation Equipment331

MME - Dual Engine Cycle Counter.....332

Skidtubes and Wearplates.....333

External Fuel System.....334

Windows335

Other

Skidtubes and Wearplates.....339

Bearpaws.....340

Flotation Equipment341

Windows342



EUROCOPTER

New and featured accessories for Eurocopter Helicopters

- Round-I-Beam™ Skidtubes
- Crosstubes
- Large selection of cargo expansion options for all Eurocopter helicopters
- EC 130 Spacepods™
- AS 350 Air Conditioning
- Digital Audio System
- Auxiliary Fuel Tank
- AS 350 Cable Cutters
- Emergency Float Systems with and without Liferafts



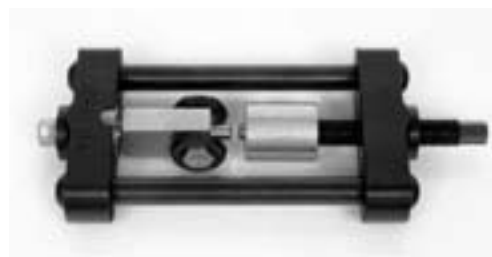
For more information or to place an order, contact:
 DART Helicopter Services at 1-800-556-4166 or 1-613-632-3336 or visit:
www.DARThelicopterservices.com

TOOLING

Standard and custom tools for engine overhaul and aircraft maintenance for Eurocopter helicopters



See our Tools for Rolls Royce 250 series engines in our new Engine Support Equipment section starting on page 31.



For more information or to place an order, contact:
 DART Helicopter Services at 1-800-556-4166 or 1-613-632-3336 or visit:
www.DARThelicopterservices.com

Eurocopter Tools

Lifting Eye Bracket

Used to lift MRH equipped aircraft. Requires use of shackle. Maximum lifting force 2000 daN.



RBEA91-0005-00

TRH Body Extractor

Used for removal of tail rotor hub from TGB shaft.



RBEA93-3303-02

Tab Tools

Fixture made up of immobilizing clip and deflection clip. Used to check and correct incidence angles of main blade tabs.



RBEA94-1130-01

EUROCOPTER TOOLS

Part Number	Product Description	Special Comments	Price (USD)
RBE1741175	Facet Filter Test Plug	Used to test Facet Filter system.	Contact Sales
RBE3009-00	Torque Transducer Adapter	Used as an adapter for torque transducer test.	Contact Sales
RBEA91-0005-00	Lifting Eye Bracket	Used to lift MRH equipped aircraft. Requires use of shackle. Maximum lifting force 2000 daN.	Contact Sales
RBEA93-3200-20	MGB/Rotor Brake Retaining Nut Wrench	Used to remove, fit and torque flange attachment nut on the MGB input shaft.	Contact Sales
RBEA93-3205-00	Holding Wrench	Used to hold TGB and MGB input flange during input shaft nut removal operation.	Contact Sales
RBEA93-3302-02	TRH Lock Wrench	Used to hold TRH immobilizing tool. Used with wrench 350A93-3300-20. (40 mm socket)	Contact Sales
RBEA93-3312-03	TRH Bushing Replacement Tool	Used for laminated bushing removal-installation operations on the TRH.	Contact Sales
RBEA93-5300-00	Fan Extractor	Used to remove fan.	Contact Sales
RBEA93-5400-00	Arriel Engine Mount	Used to support the power plant during MGB or Engine to MGB coupling shaft removal-installation operations.	Contact Sales
RBEA94-5201-20	Fuel Filter By Pass Plug	Used for fuel filter clogging tests.	Contact Sales
RBEA94-1130-01	Tab Tools	Fixture made up of immobilizing clip and deflection clip. Used to check and correct incidence angles of main blade tabs	Contact Sales
RBEA95-0505-00	TGB Drain Tube	Used to drain TGB fitted with drain plug and metal chip detector (B 4439 or ME 4439) with instrument panel warning light.	Contact Sales
RBEA95-0508-00	MGB Drain Tube	Used to drain MGB fitted with drain plug and metal chip detector (ME4439-1) with instrument panel warning light.	Contact Sales
RBEA95-0520-01	Engine and Hydraulic Drain Tube	Used to drain oil systems: Power plant and Hydraulic Reservoir.	Contact Sales
P/N Pending	TR PC Link Test Fixture	Used to check TR PC link spherical bearing run out.	Contact Sales
P/N Pending	Michigan Fuel Filter Plug	Used for Michigan fuel filter clogging test.	Contact Sales
P/N Pending	M/R Sleeve Bolt Holding Tool	Used to hold M/R sleeve bolt during removal-installation.	Contact Sales
P/N Pending	TRH Lock Wrench Extension Handle	Used with TRH lock wrench 350A93-3302-02.	Contact Sales
P/N Pending	TRH Body Extractor Tool	Used for removal of tail rotor hub from TGB shaft.	Contact Sales
P/N Pending	Airframe Fuel Filter By Pass Plug	Used for Airframe fuel filter by pass test.	Contact Sales

Tooling

Tri-Roller Staking Tools

These tools use 3 rollers to stake the bearing with a superior finish. No more scuffing or tearing of the bearing lip and staking bearings is easier than ever. This tool line includes drill press swaging tools, install and removal aides, bearing cutters and portable systems used on aircraft. All portable units allow bearing replacement on aircraft in just a matter of minutes. These staking and cutting tools can be made for most bearings on almost any helicopter, let us know if there is one we can make for you!

*Other
tri-roller
staking tools
available.
Contact sales*



- **More stable than 2 roller design**
- **Portable designs allow for in situation removal and replacement without the use of power tools**

TRI-ROLLER STAKING TOOLS

Part Number	Product Description	Special Comments	Bearing Number	Price (USD)
RBST1000	Drill Press Tri Roller		MS14101-3	\$1,087
RBST1001	Drill Press Tri Roller		MS14103-3	\$1,087
RBST1002	Drill Press Tri Roller	Also 214-011-811-103, 222-312-751-1, ALK4-128-101 and TGA103A bearings	MS14103-4	\$1,087
RBST1003	Drill Press Tri Roller	Also 205-001-048-1 & 209-001-051-1 bearings	MS14101-4	\$1,087
RBST1004	Drill Press Tri Roller		MS14103-5	\$1,087
RBST1005	Drill Press Tri Roller		MS14101-5	\$1,185
RBST1006	Drill Press Tri Roller	Also MS14101-6 bearing	MS14103-6	\$1,185
RBST1007	Drill Press Tri Roller	Also MS14103-7A, P213230 & VTB03490	MS14101-7	\$1,087
RBST1008	Drill Press Tri Roller	Also 206-031-594 bearing	MS14103-7	\$1,087
RBST1009	Drill Press Tri Roller	Also P21340 & VTB03500 Bearing	MS14101-8	\$1,087
RBST1010	Drill Press Tri Roller		MS14103-8	\$1,087
RBST1011	Drill Press Tri Roller		MS14101-9	\$1,087
RBST1012	Drill Press Tri Roller		MS14103-9	\$1,087
RBST1013	Drill Press Tri Roller		MS14101-10	\$1,087
RBST1014	Drill Press Tri Roller		MS14103-10	\$1,087
RBST1015	Drill Press Tri Roller		MS14103-12	\$1,087
RBST1016	Drill Press Tri Roller	Also 206-031-590 & 209-031-351-1 Bearings	MS14101-12	\$1,087
RBST1017	Drill Press Tri Roller		MS14101-14	\$1,087
RBST1018	Drill Press Tri Roller		MS14103-14	\$1,087
RBST1019	Drill Press Tri Roller		MS14101-16	\$1,087
RBST1020	Drill Press Tri Roller		MS14103-16	\$1,087
RBST1034	Drill Press Tri Roller	Also 206-033-509-3, 222-330-619-101 & 222-330-625-1 bearings	206-033-509-003	\$1,085
RBST2014	Drill Press Tri Roller		214-010-711-1	\$1,085
RBST2015	Drill Press Tri Roller		214-010-710-1	\$1,085
RBST2017	Drill Press Tri Roller		214-010-712-11	\$1,085
RBST2058	Drill Press Tri Roller		222-312-752-1	\$1,085
RBST2059	Drill Press Tri Roller	Also 222-312-750-1 bearing	222-312-702-105	\$1,185
RBST2071	Drill Press Tri Roller		222-310-461-1	\$1,185
RBST2087	Drill Press Tri Roller		222-312-753-101	\$1,185
RBST2089	Drill Press Tri Roller	Also 222-312-754-101 bearing	222-312-755-1	\$1,185
RBST2120	Drill Press Tri Roller		406-310-403-101	\$1,185
RBST2128	Drill Press Tri Roller		412-010-427-101	\$1,185
RBST2162	Drill Press Tri Roller		406-312-100-101	\$1,185
RBST2417	Drill Press Tri Roller		230-330-509-101	\$1,185
RBST3004	Drill Press Tri Roller		MS14103-5	\$1,185
RBST3007	Drill Press Tri Roller		MS14101-7	\$1,185
RBST3008	Portable Tri Roller	Also 206-031-594 & 206-031-591-1 & -3 bearings	MS14103-7	\$1,984
RBST3009	Portable Tri Roller		MS14101-8	Contact Sales
RBST3010	Portable Tri Roller		MS14103-8	Contact Sales
RBST3016	Portable Tri Roller		MS14101-12	Contact Sales

EUROCOPTER AS 350/AS 355

New and featured accessories for Eurocopter AS 350/AS 355 Helicopters

- Round-I-Beam™ Skid tubes
- Air Conditioner
- Complete line of Geneva Avionics modular and customizable accessories
- Auxiliary Side-Locker 34 gallon Fuel Tank
- Inlet Barrier Filters



For more information or to place an order, contact:
 DART Helicopter Services at 1-800-556-4166 or 1-613-632-3336 or visit:
www.DARThelicopterservices.com

Landing Gear Kits

Crosstubes, Skidtubes

Helicopter pilots count on DART landing gear for a safe and secure landing anywhere – any time.

DART skidtubes use Round-I-Beam™ technology, CNC-machined saddles and a cross bolt installation. This design reduces the impact on the saddles and the crosstubes during hard landings by distributing the load over the entire landing gear, thus minimizing breakage.

DART landing gear provides the highest value, quality and durability available.

*Refer to the
Access Step
section to
see available
options.*



HIGH LANDING GEAR - STANDARD CROSSTUBES, SKIDTUBES				
Approval	STC Number	A/C Approved		STC Description
See landing gear component part numbers for associated approvals. New approvals are continually being added; if you do not see your required approval, contact your DART sales office.				
Part Number	Product Description		Kit Weight	Installation Time
D350-749-011	Landing Gear Kit		130.10 lb / 59.10 kg	6 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-749-011	Landing Gear Kit	Kit includes D350-748-101 Fwd Crosstube, D350-748-201 Aft Crosstube, D350-636-011 LH Skidtube & D350-636-012 RH Skidtube. Price is for complete kit	AS 350/AS 355	\$23,372
D350-749-015	Conversion Kit	Kit includes hardware to convert from low to high landing gear.	AS 350/AS 355	Contact Sales

Float Landing Gear Kits

Crosstubes, Skidtubes

FLOAT LANDING GEAR				
Approval	STC Number	A/C Approved	STC Description	
See landing gear component part numbers for associated approvals. New approvals are continually being added; if you do not see your required approval, contact your DART sales office.				
Part Number	Product Description		Kit Weight	Installation Time
D350-749-011	Landing Gear Kit - Aerazur / Apical Cylindrical Float Compatible		130.10 lb / 59.10 kg	6 hrs
D350-749-013	Landing Gear Kit - Air Cruiser / Apical Tri-Bag Float Compatible		130.10 lb / 59.10 kg	6 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-749-011	Landing Gear Kit - Aerazur / Apical Cylindrical Float Compatible	Kit includes D350-748-101 Fwd Crosstube, D350-748-201 Aft Crosstube, D350-636-011 (CHG 002) LH Skidtube & D350-636-012 (CHG 002) RH Skidtube. Price is for complete kit	AS 350/AS 355	\$23,372
D350-749-013	Landing Gear Kit - Air Cruiser / Apical Tri-Bag Float Compatible	Kit includes D350-748-101 Fwd Crosstube, D350-748-201 Aft Crosstube, D350-636-013 (CHG 002) LH Skidtube & D350-636-014 (CHG 002) RH Skidtube. Price is for complete kit	AS 350/AS 355	\$23,372
D350-749-015	Conversion Kit	Kit includes hardware to convert from low to high landing gear.	AS 350/AS 355	Contact Sales

Crosstubes**Crosstubes**

Helicopter pilots count on DART crosstubes for safety, durability, and compatibility. DART currently offers replacement high gear crosstubes for Eurocopter AS 350/355 model helicopters. DART crosstubes have been designed to be compatible with both DART Round-I-Beam™ and OEM skidtubes and are easily installed using split bolt-on saddles. DART crosstubes are manufactured by means of an environmentally friendly turning process and utilize clamp-on stainless steel supports to avoid rivet holes in high stress regions of the crosstube. All DART crosstubes come out of the box painted white and ready to install on your helicopter. DART crosstubes are not life-limited. Rather, all DART crosstubes have been engineered to be replaced on-condition according to a max spread criteria.

**Why purchase DART Crosstubes?**

- **Thru-Bolt installation**
- **Clamp-on stainless steel supports**
- **Painted white, ready to install**
- **Replace “On Condition”**
- **Split Bolt-On Saddles**
- **Cad plated for additional corrosion resistance**

*Compatible
with OEM
skidtubes*

CROSSTUBES				
Approval	STC Number	A/C Approved	STC Description	
Canada	SH06-27	AS 350B/B1/B2/B3/BA/D/D1 AS 355E/F/F1/F2/N	D350-748 Approved OEM Replacement Crosstube	
USA	SR02359NY	AS 350B/B1/B2/B3/BA/D/D1 AS 355E/F/F1/F2/N	D350-748 Approved OEM Replacement Crosstube	
EASA	EASA.IM.R.S.01280	AS 350B/B1/B2/B3/BA/D AS 355E/F/F1/F2/N	D350-748 Approved OEM Replacement Crosstube	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D350-748-101	Fwd Crosstube AS 350/AS 355		35.20 lb / 16.00 kg	4 hrs
D350-748-201	Aft Crosstube AS 350/AS 355		34.70 lb / 15.70 kg	4 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-748-101	Fwd Crosstube	Comes complete with split bolt-on saddles. Compatible with DART & OEM skidtubes.	AS 350/AS 355	\$7,030
D350-748-201	Aft Crosstube	Comes complete with split bolt-on saddles. Compatible with DART & OEM skidtubes.	AS 350/AS 355	\$7,660
D350-749-015	Conversion Kit	Kit includes hardware to convert from low to high landing gear.	AS 350/AS 355	Contact Sales

Skidtubes – Standard

DART believed that conventional skidtubes were under-designed for the types of landings most helicopters encounter. Conventional skidtubes are ill-equipped to face the critical loading conditions encountered when landing on uneven ground, rocks, tree roots, and other small objects. Under these conditions, simple round tubes tend to puncture, dent and bend because they cannot maintain their shape.

DART's revolutionary patented Round-I-Beam™ technology combines the conventional round tube with the strength of the I-beam made from 6061-T6 aluminum.

In DART skidtubes, the central I-beam web absorbs most of the impact on landing so the tube maintains its integrity. Even with the addition of a central web, the weight is comparable to that of conventional skidtubes.

The DART Round-I-Beam™ Skidtube was designed to accommodate the extreme conditions involved in military use.



SKIDTUBES				
Approval	STC Number	A/C Approved	STC Description	
Canada	SH99-7	AS 350B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1/F2	D350-636 Approved OEM Replacement Skidtube	
USA	SR00646SE	AS 350 B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1/F2/N	D350-636 Approved OEM Replacement Skidtube	
UK	28081	AS 350B/B1/B2/B3/BA	D350-636 Approved OEM Replacement Skidtube	
UK	28082	AS 355F/F1/F2/N	D350-636 Approved OEM Replacement Skidtube	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D350-636-011	Skidtube LH		30.1 lb / 13.7 kg	2 hrs
D350-636-012	Skidtube RH		30.1 lb / 13.7 kg	2 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-636-011	Skidtube LH	Comes with full length Stainless Steel Wearplates & Wearpads & blade.	AS 350/AS 355	\$4,956
D350-636-012	Skidtube RH	Comes with full length Stainless Steel Wearplates & Wearpads & blade.	AS 350/AS 355	\$4,956
D2741	Blade	Blade	AS 350/AS 355	Contact Sales

Skidtubes**Float Skidtubes**

DART believed that conventional skidtubes were under-designed for the types of landings most helicopters encounter. Conventional skidtubes are ill-equipped to face the critical loading conditions encountered when landing on uneven ground, rocks, tree roots, and other small objects. Under these conditions, simple round tubes tend to puncture, dent and bend because they cannot maintain their shape.

DART's revolutionary patented Round-I-Beam™ technology combines the conventional round tube with the strength of the I-beam made from 6061-T6 aluminum.

In DART skidtubes, the central I-beam web absorbs most of the impact on landing so the tube maintains its integrity. Even with the addition of a central web, the weight is comparable to that of conventional skidtubes.

The DART Round-I-Beam™ Skidtube was designed to accommodate the extreme conditions involved in military use.

**Round-I-Beam™**

USA Patent 5735484
Canada Patent 2,222,184
EU 08 28655

- **Pre-drilled for Apical, Aerazur or Air Cruiser Floats**
- **Full length stainless steel wearplates**

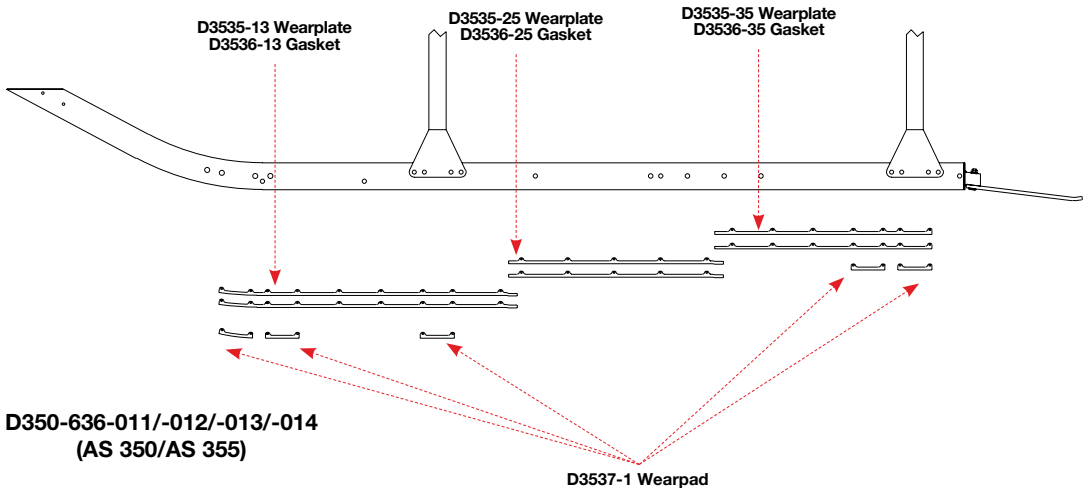
FLOAT SKIDTUBES

Approval	STC Number	A/C Approved	STC Description	
Canada	SH99-7	AS 350B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1/F2	D350-636 Approved OEM Replacement Skidtube	
USA	SR00646SE	AS 350 B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1/F2/N	D350-636 Approved OEM Replacement Skidtube	
UK	28081	AS 350B/B1/B2/B3/BA	D350-636 Approved OEM Replacement Skidtube	
UK	28082	AS 355F/F1/F2/N	D350-636 Approved OEM Replacement Skidtube	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D350-636-011	Skidtube LH Aerazur / Apical Cylindrical Float Compatible		30.1 lb / 13.7 kg	2 hrs
D350-636-012	Skidtube RH Aerazur / Apical Cylindrical Float Compatible		30.1 lb / 13.7 kg	2 hrs
D350-636-013	Skidtube LH Air Cruiser / Apical Tri-Bag Float Compatible		30.1 lb / 13.7 kg	2 hrs
D350-636-014	Skidtube RH Air Cruiser / Apical Tri-Bag Float Compatible		30.1 lb / 13.7 kg	2 hrs
D350-636-103	Skidtube Conversion Kit LH		3.40 lb / 1.60 kg	4 hrs
D350-636-104	Skidtube Conversion Kit RH		3.40 lb / 1.60 kg	4 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-636-011	Skidtube LH Aerazur / Apical Cylindrical Float Compatible	Comes with full length Stainless Steel Wearplates & Wearpads & blade. Predrilled for compatibility with Aerazur & Apical Cylindrical Floats	AS 350/AS 355	\$4,956
D350-636-012	Skidtube RH Aerazur / Apical Cylindrical Float Compatible	Comes with full length Stainless Steel Wearplates & Wearpads & blade. Predrilled for compatibility with Aerazur & Apical Cylindrical Floats	AS 350/AS 355	\$4,956
D350-636-013	Skidtube LH Air Cruiser / Apical Tri-Bag Float Compatible	Comes with full length Stainless Steel Wearplates & Wearpads & blade. Predrilled for compatibility with Air Cruiser and Apical Tri-Bag Floats	AS 350/AS 355	\$4,956
D350-636-014	Skidtube RH Air Cruiser / Apical Tri-Bag Float Compatible	Comes with full length Stainless Steel Wearplates & Wearpads & blade. Predrilled for compatibility with Air Cruiser and Apical Tri-Bag Floats	AS 350/AS 355	\$4,956
D350-636-103	Skidtube Conversion Kit LH Apical Floats	Updates D350-636-011/-013 CHG001 skidtubes for Apical Float compatibility	AS 350/AS 355	\$1,208
D350-636-104	Skidtube Conversion Kit RH Apical Floats	Updates D350-636-012/-014 CHG001 skidtubes for Apical Float compatibility	AS 350/AS 355	\$1,208
D2741	Blade	Blade	AS 350/AS 355	Contact Sales

DART Stainless Steel Wearplates & Wearpads

WEARPLATES & WEARPADS				
Approval				
Please see associated Skidtube approvals				
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-636-043	Wearplate Kit AS 350/AS 355 Float Skidtube	Includes 3 full length Stainless Steel Wearplates, corresponding Gaskets, 5 tungsten carbide welded Stainless Steel Wearpads & hardware. Price is per Skidtube	AS 350/AS 355	\$1,617
D3535-13	Stainless Steel Wearplate Fwd	Stainless Steel construction, 1 per Skidtube	AS 350/AS 355	\$305
D3536-13	Gasket Fwd	Installs with D3535-13 Fwd Wearplate, 1 per Skidtube	AS 350/AS 355	\$31
D3535-25	Stainless Steel Wearplate Center	Stainless Steel construction, 1 per Skidtube	AS 350/AS 355	\$234
D3536-25	Gasket Center	Installs with D3535-25 Center Wearplate, 1 per Skidtube	AS 350/AS 355	\$24
D3535-35	Stainless Steel Wearplate Aft	Stainless Steel construction, 1 per Skidtube	AS 350/AS 355	\$276
D3536-35	Gasket Aft	Installs with D3535-35 Aft Wearplate, 1 per Skidtube	AS 350/AS 355	\$28
D3537-1	Wearpad	Stainless Steel construction, tungsten carbide welded, 5 per Skidtube	AS 350/AS 355	\$175
ALS4-1032-225	Rivnut	For Wearplate & Wearpad installation Price is per rivnut	AS 350/AS 355	Contact Sales

Pricing is per Wearpad, Wearplate or Gasket



- Stainless Steel hardware eases removal for inspection and replacement
- Gaskets eliminate the need for messy sealant

O.E.M. Replacement

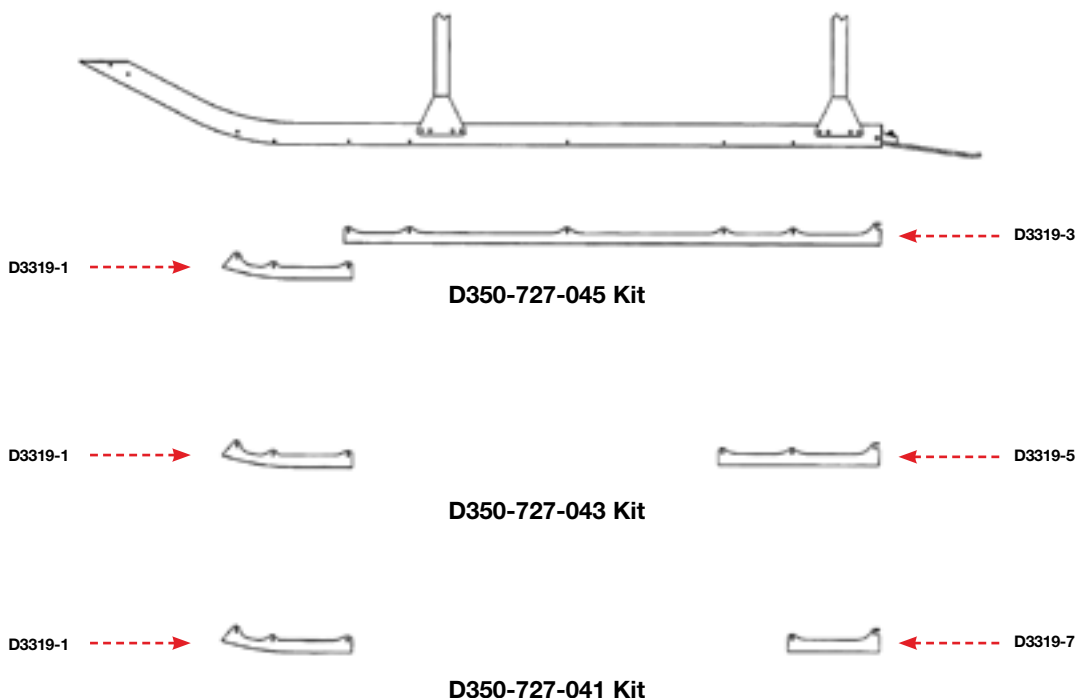
O.E.M. Replacement Wearplates

O.E.M. REPLACEMENT WEARPLATES				
Approval	STC Number	A/C Approved	STC Description	
Worldwide	PDA05-18	AS 350B/B1/B2/B3/BA/D/D1/AS 355E/F/F1/F2	TC/PDA Approved Replacement Wearplates	
Further foreign certification not required.				
Part Number	Product Description		Kit Weight	Installation Time
D350-727-041	Wearplate Kit, Standard		0.00 lb / 0.00 kg net weight increase	1 hr
D350-727-043	Wearplate Kit, Longer Aft Wearplate		0.00 lb / 0.00 kg net weight increase	1 hr
D350-727-045	Wearplate Kit, Full Length		0.00 lb / 0.00 kg net weight increase	1 hr
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-727-041	Wearplate Kit, Standard (Fits LH or RH)	One kit completes one skidtube, direct replacements for Eurocopter Carbon steel construction, tungsten carbide welded p/n 350A41-1046-20 & 350A41-1055-20 Price is per skidtube	AS 350/AS 355	\$723
D350-727-043	Wearplate Kit, Longer Aft Wearplate (Fits LH or RH)	One kit completes one skidtube, direct replacements for Eurocopter Carbon steel construction, tungsten carbide welded p/n 350A41-1046-20 & 350A41-1016-72 Price is per skidtube	AS 350/AS 355	\$723
D350-727-045	Wearplate Kit, Full Length (Fits LH or RH)	One kit completes one skidtube, direct replacements for Eurocopter Carbon steel construction, tungsten carbide welded p/n 350A41-1046-20 & 350A41-1079-21/350A08-2207-21 Price is per skidtube	AS 350/AS 355	\$844

- DART wearplates can be used in conjunction with OEM wearplates

DART / OEM PART NUMBER CROSS REFERENCE		
DART Wearplate	Replaces	Description
D3319-1	350A41-1046-20	Forward Wearplate
D3319-3	350A41-1079-21 350A08-2207-21	Full Length Wearplate
D3319-5	350A41-1016-72	Long Aft Wearplate
D3319-7	350A41-1055-20	Aft Wearplate

D350-727 Wearplate Kits (LH Skidtube shown, RH opposite)



Heli-Access-Step™

The Heli-Access-Steps™ for the Eurocopter AS 350/AS 355 were designed to suit a number of landing gear configurations and operational needs. These steps are available in a variety of lengths and are compatible with the Air Cruiser or the Aerazur flotation systems.

The steps mount on the forward end of the Skidtube with a sheet metal enclosure and/or to the crosstubes using a reliable, lightweight support/clamping system.

Painted white with a high-gloss, scratch resistant finish, DART steps feature a non-skid surface.



HELI-ACCESS-STEP™

Approval	STC Number	A/C Approved	STC Description
Canada	SH92-6	AS 350B/B1/B2/B3/BA/D/D1/AS 355E/F/F1/F2	Heli-Access-Step™
USA	SH967NE	AS 350B/B1/B2/B3/BA/C/D/D1/AS 355E/ F/F1/F2/N	Heli-Access-Step™
France	157-SI-0930	AS 350 Series	Heli-Access-Step™
Germany	RC 1148	AS 350B/B1/B2/B3/BA/AS 355E/F/F1/F2	Heli-Access-Step™
Japan	STC-88-TYO	AS 350B/B1/B2/B3/BA/AS 355F/F1/F2	Heli-Access-Step™
Brazil	1999S02-01	AS 350B1/B2/B3/BA	Heli-Access-Step™
Brazil	1999S02-02	AS 355F/F1/F2/N	Heli-Access-Step™
Brazil	1999S02-03	AS 350B	Heli-Access-Step™
UK	27937	AS 350 Series	Heli-Access-Step™
UK	27938	AS 355 Series	Heli-Access-Step™
Eurocopter	350 A 08 4127	AS 350B2	Heli-Access-Step™
Canada	SH93-1	AS 350B/B1/B2/B3/BA/C/D/D1/AS 355E/ F/F1/F2	Maintenance Step
USA	SR00600NY	AS 350B/B1/B2/B3/BA/C/D/D1/AS 355E/ F/F1/F2	Maintenance Step
Canada	SH99-7	AS 350B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1/F2	Toe Step
USA	SR00646SE	AS 350B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1/F2/N	Toe Step
UK	28081	AS 350B/B1/B2/B3/BA	Toe Step
UK	28082	AS 355F/F1/F2/N	Toe Step

New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.

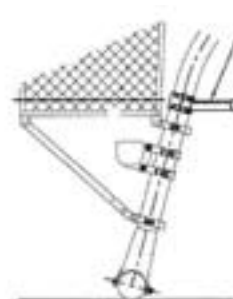
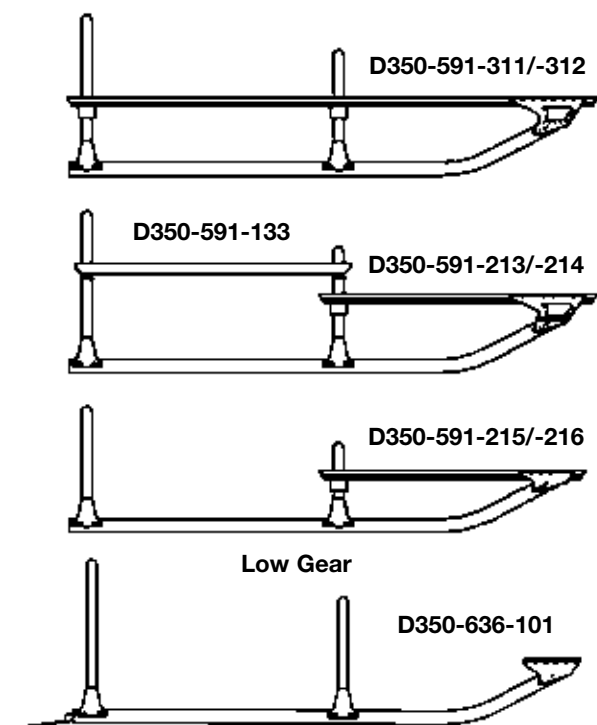
Part Number	Product Description	Kit Weight	Installation Time
D350-591-311	Heli-Access-Step™ LH long step, high gear, Aerazur float compatible	12.00 lb / 5.40 kg	3 hrs
D350-591-312	Heli-Access-Step™ RH long step, high gear, Aerazur float compatible	12.00 lb / 5.40 kg	3 hrs
D350-591-213	Heli-Access-Step™ LH short step, high gear, Aerazur float compatible	6.30 lb / 2.88 kg	3 hrs
D350-591-214	Heli-Access-Step™ RH short step, high gear, Aerazur float compatible	6.30 lb / 2.88 kg	3 hrs
D350-591-215	Heli-Access-Step™ LH short step, low gear, Aerazur float compatible	5.90 lb / 2.70 kg	3 hrs
D350-591-216	Heli-Access-Step™ RH short step, low gear, Aerazur float compatible	5.90 lb / 2.70 kg	3 hrs
D350-591-117A	Pre-Flight Step	1.70 lb / 0.77 kg	1 hr
D350-591-133	Aft Maintenance Step	6.80 lb / 3.07 kg	1 hr
D350-615-041	GHW Modification Kit	N/A	1 hr
D350-591-121	Heli-Access-Step™ LH, short step, high gear, Air Cruiser float compatible	8.00 lb / 3.63 kg	3 hrs
D350-591-122	Heli-Access-Step™ RH, short step, high gear, Air Cruiser float compatible	8.00 lb / 3.63 kg	3 hrs
D350-591-123	Heli-Access-Step™ LH, short step, low gear, Air Cruiser float compatible	7.00 lb / 3.17 kg	3 hrs
D350-591-124	Heli-Access-Step™ RH, short step, low gear, Air Cruiser float compatible	7.00 lb / 3.17 kg	3 hrs
D350-721-045	Maintenance Step	1.00 lb / 0.45 kg	0.5 hrs
D350-721-046	Maintenance Step	1.00 lb / 0.45 kg	0.5 hrs
D350-636-101	Toe Step	1.00 lb / 0.50 kg	1 hrs

See next page for pricing

Access Steps

Heli-Access-Step™

Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-591-311	Heli-Access-Step™ LH	Long step, high gear. Aerazur float compatible. Price is per side	AS 350/AS 355	\$2,443
D350-591-312	Heli-Access-Step™ RH	Long step, high gear. Aerazur float compatible. Price is per side	AS 350/AS 355	\$2,443
D350-591-213	Heli-Access-Step™ LH	Short step, high gear. Aerazur float compatible. Price is per side	AS 350/AS 355	\$1,585
D350-591-214	Heli-Access-Step™ RH	Short step, high gear. Aerazur float compatible. Price is per side	AS 350/AS 355	\$1,585
D350-591-215	Heli-Access-Step™ LH	Short step, low gear. Aerazur float compatible. Price is per side	AS 350	\$1,585
D350-591-216	Heli-Access-Step™ RH	Short step, low gear. Aerazur float compatible. Price is per side	AS 350	\$1,585
D350-591-117A	Pre-Flight Step (Fits LH or RH)	Installs on Aft crosstube. Price is per side	AS 350/AS 355	\$659
D350-591-133	Aft Maintenance Step (Fits LH or RH)	High gear. Price is per side	AS 350/AS 355	\$1,185
D350-615-041	GHW Modification Kit (Fits LH or RH)	For improved ground handling with D350-591-311/-312 steps. One kit modifies one set of ground handling wheels. Price is per side	AS 350/AS 355	\$633
D350-591-121	Heli-Access-Step™ LH	Short step, high gear. Air Cruiser float compatible. Price is per side	AS 350/AS 355	\$1,723
D350-591-122	Heli-Access-Step™ RH	Short step, high gear. Air Cruiser float compatible. Price is per side	AS 350/AS 355	\$1,723
D350-591-123	Heli-Access-Step™ LH	Short step, low gear. Air Cruiser float compatible. Price is per side	AS 350	\$1,723
D350-591-124	Heli-Access-Step™ RH	Short step, low gear. Air Cruiser float compatible. Price is per side	AS 350	\$1,723
D350-721-045	Maintenance Step LH	Install on Aft crosstube. Compatible with D350-721-041/-043 Lightweight Baskets. Price is per side	AS 350/AS 355	\$533
D350-721-046	Maintenance Step RH	Install on Aft crosstube. Compatible with D350-721-041/-043 Lightweight Baskets. Price is per side	AS 350/AS 355	\$533
D350-636-101	Toe Step	Mounts to Fwd end of skidtube. Recommended accessory for installation with Apical Floats. Compatible with D350-636-011/-012/-013/-014 DART Skidtubes. Compatible with 20707-100/-200 Apical Steps. Price is per side	AS 350/AS 355	\$361



D350-721-045 (Shown)
D350-721-046 (Similar)



D350-591-117A

- Easy to install
- Easy to maintain
- Lightweight

Step Assembly



The Step Assembly is designed to provide aircrew and passenger access to the helicopter cockpit or cabin. The step supplements the OEM skid toe mounted step and includes a non-skid surface. The Step Assembly is constructed of high quality aluminum which has been anodized to protect it against corrosion. The Step Assembly is mounted high enough that it may be used with any Apical float configuration (Tri Bag Emergency Floats, Single Bag Emergency Floats). The Step Assembly contains the following:

- One step assembly
- Attaching brackets
- Attaching hardware



STEP ASSEMBLY				
Approval	STC Number	A/C Approved	STC Description	
USA	SR01156LA	AS 350B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1/F2/N	Step Assembly	
Canada	P-04-0194	AS 350B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1/F2/N	Step Assembly	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
20707-100 LH -200 RH	Step Assembly		23.00 lb / 10.45 kg	20 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
20707-100	Step Assembly LH	Kit includes step attaching brackets and hardware	AS 350/AS 355	\$4,253
20707-200	Step Assembly RH	Kit includes step attaching brackets and hardware	AS 350/AS 355	\$4,253

Platform**Tyler Special Operations Platform (TSOP)**

Used by government agencies, law enforcement & military worldwide. TSOP assists SWAT and rescue crews with rooftop evacuations, search/rescue missions, dive team deployment and improves field of view for marksmen. No tools required, no modification to ship. Install with 2 people in under 5 minutes. Each platform is designed with ergonomic folding footrest & attachment points for securing personnel wearing safety gear.

Optional:

- 1) Self-retracting twist release seat belts specially designed for the TSOP.
- 2) Tyler Integrated Fast Rope to AS-TSOP.

- **Optional Fast-Rope and Rappel**
- **Optional TSOP rescue litter attach kit**
- **No modification to ship**

**TYLER SPECIAL OPERATION PLATFORM (TSOP)**

Approval	STC Number	A/C Approved	STC Description	
USA	SR01449LA	AS 350B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1/F2/N	Externally Mounted Benches for SWAT Teams & Crew	
Canada	SH04-56	AS 350B/B1/B2/B3/C/D/D1/ AS 355E/F/F1/F2	Externally Mounted Benches for SWAT Teams & Crew	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
TSOP AS350/355	Externally Mounted Benches for SWAT Teams & Crew		65 lbs per side	Two Persons Under 5 minutes
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
TSOP AS350/355	Externally Mounted Benches for SWAT Teams & Crew	Used Worldwide Set includes LH and RH	AS 350/AS 355	\$31,050

A-Star Fast Rope Unit

Allows for crew deployment in situations where the helicopter is unable or unwilling to touch down. Designed to work in conjunction with the (A-Star) TSOP. The Fast Rope Hook attaches to an extended, overhead framework that allows personnel to safely & easily deploy from the helicopter. The hook is designed with a cable release to jettison the ropes once personnel are on the ground. This provides a “safe & clean” departure for the helicopter (no ropes attached). Fast-Rope Hook is released from inside the helicopter by a two-function T-handle cable release. The hook, is specifically designed for fast-rope operations. After initial set up, the Fast-Rope Unit can be quickly installed (under 5 min.) on the helicopter. The entire system is designed to be user-friendly, no tools required—ideal for emergency response.

Optional:

- 1) Stand Alone A-Star Fast Rope Unit (No TSOP required)
- 2) Lightweight Fast Rope: In coordination with a leading rope manufacturer, Tyler has developed a new lightweight Fast Rope That has a 32% weight reduction over standard ropes.

- Hook position is extended overhead allowing personnel to safely & easily deploy from the helicopter
- Two-step T-handle cable release, from inside helicopter
- Safe, clean ship departure after deployment
- Used worldwide



Hooks available for larger aircraft see page 7

A-STAR FAST ROPE UNIT				
Approval	STC Number	A/C Approved	STC Description	
USA	SR01652LA	AS 350B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1	External Attach Frame/Let Down Unit Approved for 360 lbs per side	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
FR-AS TSOP	External Attach Frame/Let Down Unit Approved for 360 lbs per side		40 lbs per side	Under 5 minutes after Initial set up of 2 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
FR-AS TSOP	External Attach Frame/Let Down Unit Approved for 360 lbs per side	A-Star Fast Rope kit (TSOP required). LH or RH Fast Rope	AS 350/AS 355	\$20,700

* Optional: Adaptor Kit for Fast Rope Hook and Release to Breeze Eastern or Goodrich Hoist Arm - Contact Sales.

Fast Rope

Stand Alone Fast Rope

Allows for crew deployment in situations where the helicopter is unable or unwilling to touch down.. The Fast Rope Hook attaches to an extended, overhead framework that allows personnel to safely & easily deploy from the helicopter. The hook is designed with a cable release to jettison the ropes once personnel are on the ground. This provides a “safe & clean” departure for the helicopter (no ropes attached). The Fast Rope Hook is released from inside the helicopter by a two-function T-handle cable release. The hook, is specifically designed for fast-rope operations. After initial set up of approximately 2 hours, the Fast-Rope Unit can be quickly installed & uninstalled on the helicopter in under 5 min. The entire system is designed to be user-friendly, no tools required—ideal for emergency response.

Optional:

- 1) Tyler Fast Rope with A-Star TSOP: This Unit was designed to be used in conjunction with the Tyler Special Operations Platform TSOP
- 2) Lightweight Rope: Designed in coordination with a leading rope manufacturer, Tyler has developed a new lightweight Fast Rope that has a 32% weight reduction over standard ropes.



- Hook position is extended overhead allowing personnel to safely & easily deploy from the helicopter
- Two-step T-handle cable release, from inside helicopter
- Ability to jettison rope makes departures safer for personnel
- Used worldwide

STAND ALONE FAST ROPE					
Approval	STC Number	A/C Approved		STC Description	
USA	SR01652LA	AS 350B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1/N		External Attach Frame/Let Down Unit Approved for 360 lbs per side	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.					
Part Number	Product Description		Kit Weight	Installation Time	
AS FR SA	External Attach Frame/Let Down Unit Approved for 360 lbs per side		40 lbs per side	Under 5 minutes after Initial set up of 2 hrs	
Part Number	Product Description	Special Comments		Aircraft Model	Price (USD)
AS FR SA	External Attach Frame/Let Down Unit Approved for 360 lbs per side	Stand Alone AS Fast Rope kit (no TSOP required). RH or LH Stand Alone Fast Rope		AS 350/AS 355	\$22,425

* Optional: Adaptor Kit for Fast Rope Hook and Release to Breeze Eastern or Goodrich Hoist Arm - Contact Sales.

Cylindrical Emergency Float System with & without Rafts



Eurocopter AS 350/AS 355 Emergency Float System is the only float systems certified for take off after water landing for the Eurocopter AS 350. This system is now available with 2 / six man Liferrafts integrated into the Aft Floats. The mechanical valve system has no squibs or electrical requirements. The cylinder valve assemblies, floats and liferafts are available as exchange items, thereby reducing maintenance and down time. All float chambers come standard with field replaceable pressure relief and inflation valves. The float bags are on-condition and do not have to be returned to the factory for recertification. Factory recertification of the system is available for customers who desire OEM services. Annual inspection of float bags as compared with six month inspection required in some competitors' products lowers ongoing maintenance costs of the system.

Replacement:	N/A
Floats (Number/Design):	6 (2 Fwd, 2 Mid & 2 Aft)/Cylindrical
Float Inflation Reservoirs (Qty./Type/Gas):	2/Composite Wound/Helium or Nitrogen (4450 psi @ 70°F)
Inflation Mechanism:	Mechanical with cyclic mounted lever
Liferafts (Number/Design):	2/Six man with survival kits
Liferafts Inflation Reservoirs:	1/Composite Wound/Helium or Nitrogen (4945 psi @ 70°F)
Liferafts Inflation Mechanism:	Mechanical from cockpit mounted lever or 2 externally mounted T-handles
Special Design Features:	Certified for take off after water landing (AS 350). Utilizes skid extensions for Aft float attachment
Aircraft Limitations:	Maximum altitude for float inflation is 6600 ft. above landing surface
Max. Airspeed of Inflation:	74 KIAS (AS 355), 75 KIAS (AS 350)
Max. Airspeed Floats Inflated:	91 KIAS (AS 355), 95 KIAS (AS 350)
Max. Towing Speed:	N/A
Maintenance / Overhaul:	Semi-Annual, Annual & 3 yrs. inspect and test 18 mo. Liferafts & 3 yrs. Reservoirs
Exchange Program:	Available for Floats, Liferafts & Reservoir Valve Assemblies.

AS 350/AS 355 CYLINDRICAL EMERGENCY FLOAT SYSTEM

Approval	STC Number	A/C Approved	STC Description	
USA	SR00470LA	AS 350C/D/D1/B/B1/B2/BA/B3	Cylindrical Emergency Float System	
USA	SR00645LA	AS 355E/F/F1/F2/N	Cylindrical Emergency Float System	
Canada	SH97-69	AS 350C/D/D1/B/B1/B2/BA/B3	Cylindrical Emergency Float System	
EASA	EASA.IM.R.S.00619	AS 350C/D/D1/B/B1/B2/BA/B3/AS 355E/F/F1/F2/N	Cylindrical Emergency Float System	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
20326-500	Emergency Aft Floats with Liferafts		81.00 lb / 36.82 kg	15 hrs
20326-600	Emergency Float System with Liferafts		220.00 lb / 100.00 kg	30 hrs
20326-700	Emergency Float System		151.00 lb / 68.64 kg	40 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
20326-500	Emergency Aft Floats with Liferafts	Provides rafts for aircraft with previously installed float system. Kit includes Aft Cylindrical floats with integrated liferafts. Price is for floats, rafts & inflation systems	AS 350/AS 355	\$46,200
20326-600	Emergency Float System with Liferafts	Kit includes Fwd, Mid & Aft Cylindrical floats with integrated liferafts. Price is for complete float and rafts system	AS 350/AS 355	\$111,038
20326-700	Emergency Float System	Kit includes Fwd, Mid & Aft Cylindrical floats. Price is for complete float system	AS 350/AS 355	\$74,088

Flotation Equipment**Tri-Bag Emergency Float System**

Eurocopter AS 350/AS 355 Low/High Gear Emergency Float System is the only float system certified for take off after water landing for the Eurocopter AS 350/AS 355 on low or high gear. This system is compatible with ground handling wheels and the float bags can be removed in a matter of minutes. The mechanical valve system has no squibs or electrical requirements. The cylinder valve assemblies, floats and liferafts are available as exchange items, thereby reducing maintenance and down time. All float chambers come standard with field replaceable pressure relief and inflation valves. The float bags are on-condition and do not have to be returned to the factory for recertification. Factory recertification of the system is available for customers who desire OEM services. Annual inspection of float bags as compared with six month inspection required in some competitors' products lowers ongoing maintenance costs of the system.

Replacement:	N/A
Floats (Number/Design):	6 (2 Fwd, 2 Mid & 2 Aft)/Tri-Bag
Float Inflation Reservoirs (Qty./Type/Gas):	2/Composite Wound/Helium or Nitrogen (4450 psi @ 70°F)
Inflation Mechanism:	Mechanical with cyclic mounted lever
Liferafts Inflation Reservoirs:	N/A
Liferafts Inflation Mechanism:	N/A
Special Design Features:	Certified for take off after water landing. Designed for aircraft water towing at 10 kts for recovery.
Aircraft Limitations:	Maximum altitude for float inflation is 6600 ft. above landing surface
Max. Airspeed of Inflation:	75 KIAS
Max. Airspeed Floats Inflated:	95 KIAS
Max. Towing Speed:	10 kts
Maintenance / Overhaul:	Semi-Annual, Annual & 3 yrs. inspect and test / 3 yrs. Reservoirs
Exchange Program:	Available for Floats, Liferafts & Reservoir Valve Assemblies.

AS 350/AS 355 TRI-BAG EMERGENCY FLOAT SYSTEM

Approval	STC Number	A/C Approved	STC Description	
USA	SR00831LA	AS 350C/D/D1/B/B1/B2/BA/B3/ AS 355E/F/F1/F2/N	Tri-Bag Emergency Float System	
Canada	SH00-10	AS 350C/D/D1/B/B1/B2/BA/B3 / AS 355E/F/F1/F2/N	Tri-Bag Emergency Float System	
EASA	EASA.IM.R.S.01114	AS 350C/D/D1/B/B1/B2/BA/B3 / AS 355E/F/F1/F2/N	Tri-Bag Emergency Float System	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
20416-101	Tri-Bag Float System		167.00 lb / 75.91 kg	40 hrs
20416-102	Tri-Bag Float System		167.00 lb / 75.91 kg	40 hrs
20416-103	Tri-Bag Float System		167.00 lb / 75.91 kg	40 hrs
20416-104	Tri-Bag Float System		167.00 lb / 75.91 kg	40 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
20416-101	Tri-Bag Float System LH Pilot, low skid.	Kit includes Fwd, Mid & Aft Tri-Bag floats. Price is for complete float system	AS 350/AS 355	\$78,829
20416-102	Tri-Bag Float System RH Pilot, low skid.	Kit includes Fwd, Mid & Aft Tri-Bag floats. Price is for complete float system	AS 350/AS 355	\$78,829
20416-103	Tri-Bag Float System LH Pilot, high skid.	Kit includes Fwd, Mid & Aft Tri-Bag floats. Price is for complete float system	AS 350/AS 355	\$78,829
20416-104	Tri-Bag Float System RH Pilot, high skid.	Kit includes Fwd, Mid & Aft Tri-Bag floats. Price is for complete float system	AS 350/AS 355	\$78,829

Flotation Equipment

Utility Fixed Float System



Each float consists of six separate air-holding chambers. The chambers are separated by bulkheads made of the same urethane nylon as the tube to minimize the loss of buoyancy in the event of puncture or tear. Each chamber contains a topping valve for manual inflation and a pressure relief valve (PRV) to prevent over-pressurization.

The material color is white which provides radiant heat reflection or an optional fabric color is black. The float design provides for permanent inflation and full time buoyancy for helicopters assigned to off-shore or other over water activities. Abrasion-resistance chafing material located on the underside of each float and the reinforcement of the personnel walkways are incorporated to provide additional abrasion protection.

Replacement:	N/A
Floats (Number/Design):	2 (RH or LH)/Cylindrical
Float Inflation Reservoirs (Qty./Type/Gas):	N/A
Inflation Mechanism:	N/A
Installation Requirement:	N/A
Special Design Features:	Each float incorporates six chambers with manual inflation and pressure relief valves. Utilizes skid extensions to attach Aft portion of the floats.
Aircraft Limitations:	N/A
Max. Airspeed of Inflation:	125 KIAS, 90 KIAS during autorotation
Maintenance / Overhaul:	Semi-Annual, Annual & 3 yrs. inspect and test / N/A
Exchange Program:	Available for Floats, High Gear.

AS 350 UTILITY FIXED FLOAT SYSTEM

Approval	STC Number	A/C Approved	STC Description	
USA	SR00627LA	AS 350C/D/D1/B/B1/B2/BA/B3	Utility Fixed Float System	
Canada	SH99-16	AS 350C/D/D1/B/B1/B2/BA/B3	Utility Fixed Float System	
EASA	EASA.IM.R.S.01148	AS 350C/D/D1/B/B1/B2/BA/B3	Utility Fixed Float System	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
20331.0000	Utility Fixed Float System		90.00 lb / 40.91 kg	10 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
20331.101	LH Utility Float Assembly	Requires 1 of each to complete kit.	AS 350	\$34,650
20331.102	RH Utility Float Assembly	Requires 1 of each to complete kit.	AS 350	\$34,650

Flotation Equipment**Replacement Cylindrical Emergency Floats**

These floats are designed as replacements for the Eurocopter floats provided with the OEM float system. The floats consist of four separate air-holding chambers. The chambers are separated by bulkheads made of the same urethane nylon as the float tube to minimize the loss of buoyancy in the event of a puncture tear. Each chamber contains an inlet check valve for inflation by the cylinder/valve assembly and a combination PRV/Topping valve for pressure relief to prevent over-pressurization and to provide a means for manual inflation.



Replacement:	Eurocopter E-16636 Float
Floats (Number/Design):	2/Cylindrical
Float Inflation Reservoirs (Qty./Type/Gas):	N/A
Inflation Mechanism:	N/A
Installation Requirement:	Eurocopter Emergency Flotation Gear STC SH4032SW or SH2825SW prior installation required.
Aircraft Limitations:	No change from OEM floats
Exchange Program:	Available for Floats

AS 350 REPLACEMENT CYLINDRICAL EMERGENCY FLOATS

Approval	STC Number	A/C Approved	STC Description	
USA	SR00270LA	AS 350C/D/D1/B/B1/B2/BA	Replacement Cylindrical Emergency Float	
Canada	SH97-26	AS 350C/D/D1/B/B1/B2/BA	Replacement Cylindrical Emergency Float	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description	Kit Weight	Installation Time	
20317-101	Replacement Emergency Float LH	0.00 lb / 0.00 kg net weight increase over OEM	2 hrs	
20317-102	Replacement Emergency Float RH	0.00 lb / 0.00 kg net weight increase over OEM	2 hrs	
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
20317-101	Replacement Emergency Float LH	Price is per float	AS 350	\$6,038
20317-102	Replacement Emergency Float RH	Price is per float	AS 350	\$6,038

Replacement Inflation Reservoirs (Cylinders)

Apical offers a line of FAA-PMA approved replacement inflation reservoirs. The reservoirs are composite wrapped cylinders certified to DOT specifications and FAA approved as replacements for the OEM part number identified below. The Apical cylinders do not require any adapters or revised bracketry for installation and are the same weight or lighter than the reservoirs they replace.

REPLACEMENT INFLATION RESERVOIRS (CYLINDERS)

Part Number	Product Description	Kit Weight		Installation Time
20333.0000	Replacement Cylinder	0 lb / 0 kg net weight increase over OEM		1 hr
20045.0000	Replacement Cylinder	0 lb / 0 kg net weight increase over OEM		1 hr
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
20333.0000	Replacement Cylinder	PMA Supplement No. 5 SNIA 20632-0	AS 350C/D/D1/B/B1/B2/BA & AS 355E/F/F1/F2/N	\$5,933
20045.0000	Replacement Cylinder	PMA Supplement No. 2 Air Cruisers D17743-1	AS 350BA/B2	\$4,253

Cable Cutters Kit

The Cable Cutters Kit provides a means of protecting the helicopter during a wire strike by providing the capability to cut a cable or wire before catastrophic damage occurs. The kit is designed to reduce the possibility of a cable or wire entering the cockpit and to reduce the chance of flight control damage. Similar cable/wire cutting devices have proven to be effective even during multiple wire strikes. The kit incorporates both an upper and lower cutter and each cutter is designed with high strength cutting blades. The Apical cutter design was tested to verify the capability to cut a cable having a 14,000 lb tensile strength.



CABLE CUTTERS KIT				
Approval	STC Number	A/C Approval	STC Description	
USA	SR02180LA	AS350C, D, D1, B, B1, B2, BA, B3	Cable Cutters Kit	
Canada	Pending	AS350C, D, D1, B, B1, B2, BA, B3	Cable Cutters Kit	
EASA	Pending	AS350C, D, D1, B, B1, B2, BA, B3	Cable Cutters Kit	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
646.4001	Cable Cutters Kit		15.5 pounds	35 hrs
646.4002	Wiper Deflector Kit		1.3 pounds	4 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price(USD)
646.4001	Cable Cutters Kit		AS 350	\$16,000
646.4002	Wiper Deflector Kit	For aircraft with windscreen wipers or wiper posts	AS 350	Contact Sales

Bearpaws

Bearpaws

Secure Landings

For as long as helicopters have been in operation, soft terrain landings have created problems for pilots. Without Bearpaws, you may have experienced balancing problems when landing or taking off in soft terrain such as tundra, snow, or sand.

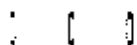
DART Bearpaws are constructed of a high density polymer, not plywood, aluminum or composite. This polymer resists cracking, chipping and breaking. The one-piece machined construction ensures consistent and deliberate load transfer. The material is also flexible, so it can deflect under high-point contact loads when landing on rocks or roots, and DART Bearpaws have an inherent memory so they return to their original shape upon take off.



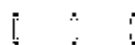
Why purchase DART bearpaws?

- **Lightweight**
- **Easy to install**
- **High strength polymer with memory, deflects under critical point loading without failure and returns to original shape when unloaded**

BEARPAWS				
Approval	STC Number	A/C Approved	STC Description	
Canada	SH93-4	AS 350B/B1/B2/B3/BA/D/D1/ AS 355E/F/F1/F2/ EC 130B4	UHMW Polymer Bearpaw	
USA	SR00028NY	AS 350B/B1/B2/B3/BA/D/D1/EC 130B4	UHMW Polymer Bearpaw	
USA	SR00029NY	AS 355E/F/F1/F2/N	UHMW Polymer Bearpaw	
Argentina	CTS-0508.13(A)	AS 350B/B2/B3/BA/AS 355E/F/F1/F2	UHMW Polymer Bearpaw	
Austria	ACG.21NE2.103	AS 350B/B1/B2/B3/BA/AS 355F/F1/F2	UHMW Polymer Bearpaw	
EASA	EASA.IM.R.S.01389	AS 350B/B1/B2/B3/BA/D/AS 355E/F/F1/F2	UHMW Polymer Bearpaw	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D350-578-011	Bearpaw Kit		13.00 lb / 5.91 kg	2 hrs
D350-578-021	Bearpaw Kit (Narrow)		11.00 lb / 5.00 kg	2 hrs
D350-578-031	Bearpaw Wearplate Kit		2.24 lb / 1.00 kg	1 hr
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-578-011	Bearpaw Kit	For soft or uneven terrain landings. 19" wide footprint. Price is per aircraft	AS 350/AS 355	\$2,409
D350-578-021	Bearpaw Kit (Narrow)	Designed for tundra landings. 13" wide footprint. Price is per aircraft	AS 350/AS 355	\$2,409
D350-578-031	Bearpaw Wearplate Kit	Provides anti-slip and wear protection for the Bearpaws. Features tungsten carbide welds. Compatible with D350-578-011 and D350-578-021. Price is per aircraft	AS 350/AS 355	\$695



D350-578-011



D350-578-021

Heli-Utility-Basket™

High Volume Requirement: D350-607-041 and D350-607-043 are constructed of stainless steel with a high-gloss white, scratch-resistant finish. A self-locking handle keeps cargo secure during flight. The easy bolt-on installation allows you to install or remove the basket in minutes wherever you are. D350-607-043 features a split lid for increased clearance between the open lid and the aircraft fuselage allowing compatibility with sliding doors and side cargo compartment extenders.

Low Volume Requirement: D350-607-045 and D350-607-047 are only 57" long and are ideal for the McLeod Fire Tool. They are constructed of stainless steel with a high-gloss white, scratch-resistant finish. A self-locking handle keeps cargo secure during flight. The easy bolt-on installation allows you to install or remove the basket in minutes wherever you are. D350-607-047 features a split lid for increased clearance between the open lid and the aircraft fuselage allowing compatibility with sliding doors and side cargo compartment extenders.

Lightweight Requirement: D350-721-041 and D350-721-043 are lighter weight, lower volume installations. Constructed of steel with a high-gloss white, scratch-resistant finish. Includes a durable lightweight mesh lid to keep cargo secure during flight. The easy bolt-on installation allows you to install or remove the basket in minutes wherever you are.

- Ideal for transport of skis, golf clubs, fire fighting equipment or tools
- Approved to be flown LH, RH or both sides simultaneously

PRODUCT SPECIFICATIONS				
Part Number	D350-607-041 D350-607-043	D350-607-045 D350-607-047	D350-721-041	D350-721-043
Aircraft	AS 350/ AS 355	AS 350/ AS 355	AS 350/ AS 355	AS 350/ AS 355
Length	96" / 2.44m	57" / 1.45m	85.5" / 2.17m	56.5" / 1.44m
Width	23.5" / 0.60m	23.5" / 0.60m	14.5" / 0.37m	14.5" / 0.37m
Depth	19.5" / 0.50m	19.5" / 0.50m	11.5" / 0.29m	11.5" / 0.29m
Load Capacity	200 lb / 91 kg	200 lb / 91 kg	200 lb / 91 kg	200 lb / 91 kg
Basket Weight	88 lb / 39.90 kg	65 lb / 29.50 kg	35 lb / 15.90 kg	25 lb / 11.30 kg



D350-607-041 / D350-607-043



D350-607-045 / D350-607-047



D350-721-041
D350-721-043 (Shorter Version)



D350-721-041
D350-721-043 (Shorter Version)

Cargo Expansion**Heli-Utility-Basket™**

- **Ideal for transport of skis, golf clubs, fire fighting equipment or tools**

HELI-UTILITY-BASKET™				
Approval	STC Number	A/C Approved	STC Description	
Canada	SH94-14	AS 350B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1/F2	Heli-Utility-Basket™	
USA	SR00213NY	AS 350B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1/F2/N	Heli-Utility-Basket™	
Brazil	2007S03-03	AS 350B1/B2/B3/BA	Heli-Utility-Basket™	
Brazil	2007S03-04	AS 350B	Heli-Utility-Basket™	
Brazil	2007S03-05	AS 355F1/F2/N	Heli-Utility-Basket™	
Brazil	2007S03-06	HB350B	Heli-Utility-Basket™	
EASA	EASA.IM.R.S.01405	AS350B/B1/B2/B3/BA/D/AS 355E/F/F1/F2	Heli-Utility-Basket™	
Denmark	06/2002	AS 355E/F/F1/F2/N	Heli-Utility-Basket™	
Germany	RC 1103	AS 350B/B1/B2/B3/BA/AS 355E/F/F1/F2	Heli-Utility-Basket™	
Italy	171079/SPA	AS 350B/B1/B2/B3/BA/AS 355E/F/F1/F2	Heli-Utility-Basket™	
Canada	SH93-01	AS 350B/B1/B2/B3/BA/C/D/D1/AS 355F/F1/F2	Lightweight Heli-Utility-Basket™	
USA	SR00600NY	AS 350B/B1/B2/B3/BA/C/D/D1/AS 355F/F1/F2	Lightweight Heli-Utility-Basket™	
EASA	EASA.IM.R.S.01442	AS 350B/B1/B2/B3/BA/C/D/AS 355E/F/F1/F2/N	Lightweight Heli-Utility-Basket™	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description	Kit Weight	Installation Time	
D350-607-041	Heli-Utility-Basket™	88.00 lb / 39.90 kg	2 hrs	
D350-607-045	Heli-Utility-Basket™ , Short Version	65.00 lb / 29.50 kg	2 hrs	
D350-607-043	Heli-Utility-Basket™ “Split Lid”	88.00 lb / 39.90 kg	2 hrs	
D350-607-047	Heli-Utility-Basket™, Short Version “Split Lid”	65.00 lb / 29.50 kg	2 hrs	
D350-721-041	Lightweight Heli-Utility-Basket™	35.00 lb / 15.90 kg	2 hrs	
D350-721-043	Lightweight Heli-Utility-Basket™ , Short Version	25.00 lb / 11.30 kg	2 hrs	
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-607-041	Heli-Utility-Basket™ (Fits LH or RH)	Can be installed LH & RH simultaneously on low & high gear, mounts on crosstubes, optional pip pin kit available. Vne restricted to 124 Kias Price is per side	AS 350/AS 355	\$9,044
D350-607-045	Heli-Utility-Basket™ Short Version (Fits LH or RH)	Shorter design, can be installed LH & RH simultaneously on low & high gear, mounts on crosstubes, compatible with rappel operations, optional pip pin kit available. Vne restricted to 124 Kias Price is per side	AS 350/AS 355	\$9,044
D350-607-043	Heli-Utility-Basket™ Split Lid (Fits LH or RH)	“Split Lid” for sliding door & cargo extender compatibility, can be installed LH & RH simultaneously on low & high gear, mounts on crosstubes, optional pip pin kit available. Vne restricted to 124 Kias Price is per side	AS 350/AS 355	\$9,691
D350-607-047	Heli-Utility-Basket™ Split Lid Short Version (Fits LH or RH)	Shorter design, “Split Lid” for sliding door & cargo extender compatibility, can be installed LH & RH simultaneously on low & high gear, mounts on crosstubes, compatible with rappel operations, optional pip pin kit available. Vne restricted to 124 Kias Price is per side	AS 350/AS 355	\$9,691
D350-721-041	Lightweight Heli-Utility-Basket™ (Fits LH or RH)	Can be installed LH & RH simultaneously on high gear, mounts on crosstubes, includes non-locking mesh lid. Compatible with D350-721-045/-046 Maintenance Step Vne restricted to 140 Kias Price is per side	AS 350/AS 355	\$9,044
D350-721-043	Lightweight Heli-Utility-Basket™ Short Version (Fits LH or RH)	Shorter design, can be installed LH & RH simultaneously on high gear, mounts on crosstubes, includes non-locking mesh lid. Compatible with D350-721-045/-046 Maintenance Step Vne restricted to 140 Kias Price is per side	AS 350/AS 355	\$9,044
DSI 9052-011	Quick Release Pip Pin Kit	Available for D350-607-041/-043/-045/-047 baskets, & D350-721-041/-043 includes 4 pip pins. Price is per basket	AS 350/AS 355	\$384

Heli-Utility-Pod™

Carrying both cargo and passengers without having to leave anything behind at the heli-pad was our goal in developing the Heli-Utility-Pod™.

Strong, lightweight, durable and easy to install and remove.

- **Easy bolt-on installation**
- **Impact resistant Kevlar® composite construction**
- **Installs LH or RH**
- **Float Compatible**

Constructed and molded with high impact resistant Kevlar® composite, the Heli-Utility-Pod™ is sleek enough for corporate aircraft. It comes with an easy bolt-on installation kit. You now can transport your cargo without any worries.

The D350-602-013/-014 has been designed specifically for camera/laser equipment. Contact us for additional information.



PRODUCT SPECIFICATIONS	
Part Number	D350-602-011/-013/-014
Aircraft	AS 350/AS 355
Length	96" / 2.44m
Width	23" / 0.58m
Height	10" / 0.25m
Load Capacity	160 lb / 73 kg
Pod Weight	60 lb / 40.91 kg

HELI-UTILITY-POD™				
Approval	STC Number	A/C Approved	STC Description	
Canada	SH93-97	AS 350B/B1/B2/B3/BA/C/D/D1/AS 355E/F/F1/F2	Heli-Utility-Pod™	
USA	SR01144NY	AS 350B/B1/B2/B3/BA/C/D/D1/AS 355E/F/F1/F2/N	Heli-Utility-Pod™	
Brazil	2007S09-07	AS 350B1/B2/B3/BA	Heli-Utility-Pod™	
Brazil	2007S09-08	AS 355F1/F2/N	Heli-Utility-Pod™	
Brazil	2007S09-09	AS 350B	Heli-Utility-Pod™	
Brazil	2007S09-10	HB350B	Heli-Utility-Pod™	
EASA	Pending	AS 350B/B1/B2/B3/BA/C/D/D1/AS 355E/F/F1/F2	Heli-Utility-Pod™	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description	Kit Weight	Installation Time	
D350-602-011	Heli-Utility-Pod™	60.00 lb / 40.91 kg	4 hrs	
D350-602-013	Heli-Utility-Pod™ LH Customizable	60.00 lb / 40.91 kg	4 hrs	
D350-602-014	Heli-Utility-Pod™ RH Customizable	60.00 lb / 40.91 kg	4 hrs	
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-602-011	Heli-Utility-Pod™ (Fits LH or RH)	Installs on either side, Aerazur & Air Cruiser float compatible Compatible with sliding door & with Air Cruiser float steps. Vne restricted to 120 Kias Price is per side	AS 350/AS 355	\$15,367
DSI 9052-013	Quick Release Pip Pin Kit	Includes 3 pip pins. Price is per pod	AS 350/AS 355	\$454
D350-602-013	Heli-Utility-Pod™ LH	Allows for customization for camera/laser installation available by special order only Vne restricted to 120 Kias	AS 350/AS 355	\$18,163
D350-602-014	Heli-Utility-Pod™ RH	Allows for customization for camera/laser installation, available by special order only Vne restricted to 120 Kias	AS 350/AS 355	\$18,163

Cargo Expansion**Rear Locker Extender**

DART's Rear Locker Extender allows you to stow that extra set of golf clubs, long-handled shovels, skis or other awkward items that are normally impossible to stow.

Constructed from a high quality, rugged composite the Rear Locker Extender increases the baggage compartment capacity by 17".

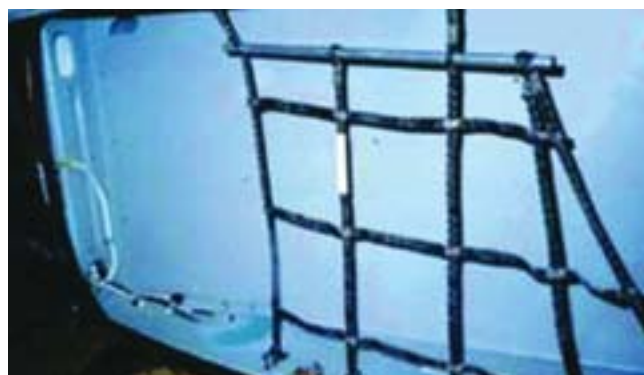
- **Lightweight**
- **Rugged composite construction**

REAR LOCKER EXTENDER

Approval	STC Number	A/C Approved	STC Description	
Canada	SH90-4	AS 350B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1/F2	Rear Locker Extender	
USA	SR00463NY	AS 350B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1/F2/N	Rear Locker Extender	
France	84-SI0993	AS 350B/B1/B2/B3/BA/D	Rear Locker Extender	
France	168-SI0994	AS 355E/F/F1/F2	Rear Locker Extender	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D350-604-041	Rear Locker Extender		3.00 lb / 1.36 kg	0.5 hrs
DSI9279-011	Strobe Light Power Supply Relocation		Contact Technical Support	Contact Technical Support
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-604-041	Rear Locker Extender	Installs with 1/4 turn fasteners, extends compartment capacity by 17". Load capacity of 15 lb / 7 kg.	AS 350/AS 355	\$1,525
DSI9279-011	Strobe Light Power Supply Relocation		AS 350/AS 355	\$208

Baggage Compartment Volume Increasing Kit**Maximize your AStar's Baggage Capacity**

The Baggage compartment volume increases space in the AStar's right-side baggage compartment by relocating the battery directly above on the transmission deck. The relocation of the battery makes the compartment equal in size to the left-side.



- **Increased Baggage Space**

BAGGAGE COMPARTMENT VOLUME INCREASING KIT

Approval	STC Number	A/C Approved	STC Description	
USA	SH4971NM	AS 350B/BA/B1/B2/C/D/D1	Baggage Compartment Volume Increasing Kit	
Canada	SH95-79	AS 350 Series	Baggage Compartment Volume Increasing Kit	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
P114	Baggage Compartment Volume Increasing Kit		Contact Technical Support	Contact Technical Support
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P114	Baggage Compartment Volume Increasing Kit	Increase space in AStar's right side baggage compartment by relocating the battery directly above on the transmission deck	AS 350	\$5,791

Spacepod™

Another solution for storage

With the Spacepod™ you'll increase your stowing capability by 5.5 cu ft and 100 pounds per side. Installation net weight is increased by only 13 pounds per side. This unit has been approved to be flown on either or both sides, with no flight limitations.

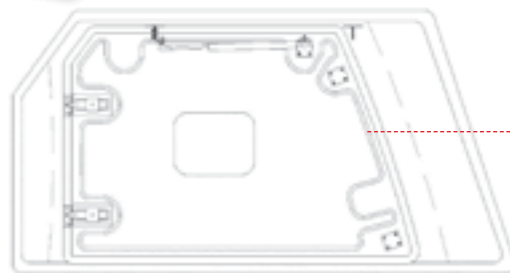
This unit does double duty. Not only can it stow equipment, but it can also function as a working platform. Taking this application into consideration, we applied a non-skid surface for your personal safety.

The Spacepod™ can be easily installed and removed, in the field or in the hangar, with very little effort.

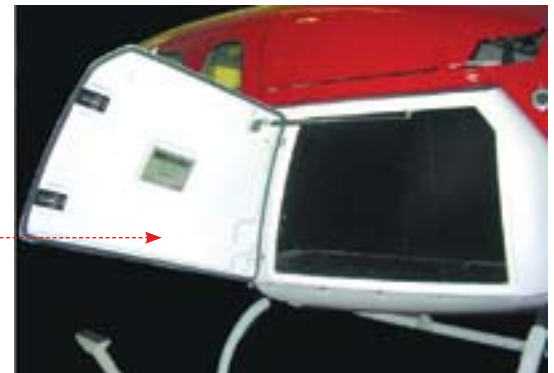
Now equipped with an automatic door opener kit that will dampen door swing and supports the door in the open position.



*Available
with forward
opening
or upward
opening door*



Fwd opening compartments



- Kits available to upgrade from upward opening to forward opening



Upward opening compartments



Cargo Expansion**Spacepod™**

SPACEPOD™				
Approval	STC Number	A/C Approved	STC Description	
Canada	SH93-88	AS 350B/B1/B2/B3/BA/D/D1/ AS 355E/F/F1/F2	Spacepod™ Side Cargo Compartment Extender	
USA	SR00098NY	AS 350B/B1/B2/B3/BA/C/D/D1	Spacepod™ Side Cargo Compartment Extender	
USA	SR00099NY	AS 355E/F/F1/F2/N	Spacepod™ Side Cargo Compartment Extender	
EASA	EASA.IM.R.S.01292	AS 350B/B1/B2/B3/BA/D/AS 355E/F/F1/F2/N	Spacepod™ Side Cargo Compartment Extender	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D350-600-141	Spacepod™ Upward Opening LH AS 350		13.00 lb / 5.90 kg net weight increase	6 hrs
D350-600-142	Spacepod™ Upward Opening RH AS 350/AS 355		13.00 lb / 5.90 kg net weight increase	6 hrs
D355-600-143	Spacepod™ Upward Opening LH AS 355		13.00 lb / 5.90 kg net weight increase	6 hrs
D350-600-241	Spacepod™ Fwd Opening LH AS 350		13.00 lb / 5.90 kg net weight increase	6 hrs
D350-600-242	Spacepod™ Fwd Opening RH AS 350/AS 355		13.00 lb / 5.90 kg net weight increase	6 hrs
D355-600-243	Spacepod™ Fwd Opening LH AS 355		13.00 lb / 5.90 kg net weight increase	6 hrs
D350-600-149	Spacepod™ Automatic Door Opener Upgrade Kit		1.00 lb / 0.45 kg	1 hr
D350-600-249	Spacepod™ Fwd Opening Upgrade Kit		1.00 lb / 0.45 kg	10 hrs
D350-600-247	Spacepod™ Door Fwd Opening Kit RH		6.00 lb / 2.70 kg	2 hrs
D350-600-248	Spacepod™ Door Fwd Opening Kit LH		6.00 lb / 2.70 kg	2 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-600-141	Spacepod™ Upward Opening LH AS 350	May be installed alone or with the -142/-242 RH Spacepod™, comes with Side Door Latch Mod Kit installed. Removes in 15 min, re-installs in 30 min. Includes gas spring which dampens swing and supports door in open position. Price is per side	AS 350	\$12,634
D350-600-142	Spacepod™ Upward Opening RH AS 350/AS 355	May be installed alone or with the -141/-143/-241/-243 LH Spacepod™, comes with Side Door Latch Mod Kit installed. Removes in 15 min, re-installs in 30 min. Includes gas spring which dampens swing and supports door in open position. Price is per side	AS 350/AS 355	\$12,634
D355-600-143	Spacepod™ Upward Opening LH AS 355	May be installed alone or with the -142/-242 RH Spacepod™, comes with Side Door Latch Mod Kit installed. Removes in 15 min, re-installs in 30 min. Includes gas spring which dampens swing and supports door in open position. Price is per side	AS 355	\$12,634
D350-600-241	Spacepod™ Fwd Opening LH AS 350	May be installed alone or with the -142/-242 RH Spacepod™, comes with Side Door Latch Mod Kit installed. Removes in 15 min, re-installs in 30 min. Includes gas spring which dampens swing and supports door in open position. Price is per side	AS 350	\$12,634
D350-600-242	Spacepod™ Fwd Opening RH AS 350/AS 355	May be installed alone or with the -141/-143/-241/-243 LH Spacepod™, comes with Side Door Latch Mod Kit installed. Removes in 15 min, re-installs in 30 min. Includes gas spring which dampens swing and supports door in open position. Price is per side	AS 350/AS 355	\$12,634
D355-600-243	Spacepod™ Fwd Opening LH AS 355	May be installed alone or with the -142/-242 RH Spacepod™, comes with Side Door Latch Mod Kit installed. Removes in 15 min, re-installs in 30 min. Includes gas spring which dampens swing and supports door in open position. Price is per side	AS 355	\$12,634
D350-600-149	Spacepod™ Automatic Door Opener Upgrade Kit	Provides gas spring which dampens swing and supports door in open position. One kit modifies one door. Price is per side	AS 350/AS 355	\$435
D350-600-249	Spacepod™ Fwd Opening Upgrade Kit Hardware Only.	Modifies existing Spacepod™ door to swing Fwd when opening. Gas spring provides smooth, damped swing and supports door in open position. One kit modifies one door. Price is per side	AS 350/AS 355	\$1,095
D350-600-247	Spacepod™ Door Fwd Opening Kit RH Hardware & Door.	Replaces existing door with Fwd opening door. Includes gas spring which dampens swing and supports door in open position. One kit modifies one Spacepod™. Price is per side	AS 350/AS 355	\$4,290
D350-600-248	Spacepod™ Door Fwd Opening Kit LH Hardware & Door.	Replaces existing door with Fwd opening door. Includes gas spring which dampens swing and supports door in open position. One kit modifies one Spacepod™. Price is per side	AS 350/AS 355	\$4,290

- Easy installation and removal
- Increase volume by 5.5 cu ft/side
- Net weight increase of only 13 lb/side
- No flight limitations
- Working platform
- Includes automatic door opener

Auxiliary Fuel Tank

EFS-Auxiliary Side Locker Fuel Tank

The tank has been designed to provide additional range with a tank that is fully approved for all flight roles and can be installed or removed to meet the operational requirements of the helicopter.

Fits into the left-hand side locker having its own electrical gauge and pump and can be swapped between helicopters within your fleet if required.

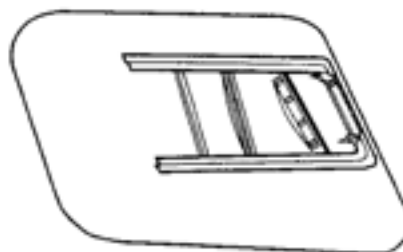
The capacity for the AS 350 is 34 US gallons/ 129 liters of usable fuel.

- **Minimum modification to aircraft structure**
- **Has its own electrical gauge and pump**
- **Can be swapped between a fleet of helicopters**
- **Extends range by 25 %**
- **Go direct to your destination**
- **Easily installed and removed**
- **Empty weight removable is 30 lb / 13.5 kg.**
- **Fixed parts are 5.5 lb / 2.5 kg.**



AUXILIARY SIDE FUEL TANK

Approval	STC Number	A/C Approved	STC Description	
Canada	SH05-4	AS 350B/B2/B3/BA/D	Auxiliary Side Locker Fuel Tank to Increase Range	
Australia	ASR063SY	AS 350B/B1/B2/B3/BA/D	Auxiliary Side Locker Fuel Tank to Increase Range	
Brazil	CHST2002S09-07	AS 350BA/B1/B2/B3	Auxiliary Side Locker Fuel Tank to Increase Range	
Brazil	CHST2002S09-08	AS 350B	Auxiliary Side Locker Fuel Tank to Increase Range	
USA	Pending	AS 350B/B2/B3/BA/D	Auxiliary Side Locker Fuel Tank to Increase Range	
EASA	Pending	AS 350B/B2/B3/BA/D	Auxiliary Side Locker Fuel Tank to Increase Range	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description	Kit Weight		Installation Time
JCA/M47-1-01A	Auxiliary Side Locker Fuel Tank	30.00 lb / 13.50 kg		0.25 hrs
JCA/M47-1	Kit Parts for Auxiliary Side Locker Fuel Tank	5.50 lb / 2.50 kg		32 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
JCA/M47-1-01A	Auxiliary Side Locker Fuel Tank, Includes Installation Kit	One kit completes one aircraft. Not compatible with DART Spacepods.	AS 350	\$36,750
JCA/M47-1	Kit Parts for Auxiliary Side Locker Fuel Tank	The provisions kit, once installed, allows you to move the tank from one aircraft to another.	AS 350	\$8,300

Windows**Skylights, Lower Windows, Windshields & Crew Windows
Forward Windows, Passenger & Cargo Door Windows****Forward Window Replacement with Slide****AS 350/AS 355 FORWARD WINDOWS**

Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
350-400-5	L/H Window Cargo, Sliding Door	350A25-0030-32	\$672	PQ0327SW
350-400-6	R/H Window Cargo, Sliding Door	Std. Assembly	\$672	PQ0327SW
M648AS100-1	L/H Fwd Window with Slide	350A25-0050-00	\$1,670	PQ0327SW
M648AS100-2	R/H Fwd Window with Slide	350A25-0050-01	\$1,670	PQ0327SW
M-468-AS-100-21	L/H Fwd Window	350A25-0050-00	\$1,554	PQ0327SW
M-468-AS-100-22	R/H Fwd Window	350A25-0050-01	\$1,554	PQ0327SW

AS 350/AS 355 SKYLIGHTS

Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
350-100-1	L/H Skylight	350A25-1004-64	\$389	PQ0327SW
350-100-2	R/H Skylight	350A25-1004-65	\$389	PQ0327SW

AS 350/AS 355 WINDSHIELDS & CREW WINDOWS

Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
350-300-5	L/H with Abrasion Resistant Coating	350A25-1371-20	\$1,061	PQ0327SW
350-300-6	R/H with Abrasion Resistant Coating	350A25-1371-21	\$1,061	PQ0327SW
M468AS-101-1	Lexan One Piece Windshield	350A25-1238-24	\$1,859	PQ0327SW
M468AS-101-3	Poly 84 One Piece Windshield	350A25-1238-24	\$1,859	PQ0327SW

AS 350/AS 355 LOWER WINDOWS

Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
350-200-1	L/H Window, Lower	350A25-1006-56	\$483	PQ0327SW
350-200-2	R/H Window, Lower	350A25-1006-57	\$483	PQ0327SW
350-200-3	L/H Lower Fwd Window	350A21-0200-26	\$457	PQ0327SW
350-200-4	R/H Lower Fwd Window	350A21-0200-27	\$457	PQ0327SW

AS 350/AS 355 PASSENGER & CARGO DOOR WINDOWS

Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
350-502-1	L/H Door Lower	350A25-0050-69	\$651	PQ0327SW
350-502-2	R/H Door Lower	350A25-0050-69	\$651	PQ0327SW

Does not include hardware. Replacement window only.**PLASTIC CLEANER**

Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
FP006	NORDAM 210 Cleaner	Price is per 14 fl. Oz. Bottle. Sold in cases of 12 bottles.	ALL	Contact Sales

Vertical Reference Operation

Vertical Reference Floor Window Kit



The floor window is available in three sizes to fit different operational requirements. You can now look through the floor window with ease for vertical reference flying.

The larger windows let you see further up the line, so you can choose a shorter line, thus enhancing your operating versatility.

The large exterior windows install in the Aft panel with quarter turn fasteners.

VERTICAL REFERENCE FLOOR WINDOW KIT

Approval	STC Number	A/C Approved	STC Description
Canada	SH92-18	AS 350B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1/F2	Vertical Reference Floor Window Kit
USA	SH989NE	AS 350B/B1/B2/B3/BA/C/D/D1	Vertical Reference Floor Window Kit
USA	SH990NE	AS 355E/F/F1/F2/N	Vertical Reference Floor Window Kit
Australia	F95/1538	AS 350/AS 355 Series	Vertical Reference Floor Window Kit
Austria	ACG.21NE.042	AS 350B/B1/B2/B3/BA/AS 355F/F1/F2/N	Vertical Reference Floor Window Kit
France	84-SI1103	AS 350B/B1/B2/B3/BA/D	Vertical Reference Floor Window Kit
France	84-SI1104	AS 355E/F/F1/F2	Vertical Reference Floor Window Kit
Germany	0689/3048	AS 350B/B1/B2/BA/C/D/D1/AS 355E/F/F1/F2	Vertical Reference Floor Window Kit

New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.

Part Number	Product Description	Kit Weight	Installation Time
D350-567-015	Small Vertical Reference Floor Window Kit	3.8 lb / 1.72 kg net weight increase	20 hrs
D350-567-017	Small Vertical Reference Floor Window Kit	3.8 lb / 1.72 kg net weight increase	20 hrs
D350-567-025	Large Vertical Reference Floor Window Kit	4.9 lb / 2.22 kg net weight increase	20 hrs
D350-567-027	Large Vertical Reference Floor Window Kit	4.9 lb / 2.22 kg net weight increase	20 hrs
D350-567-111	Super-sized Vertical Reference Floor Window Kit	5.1 lb / 2.31 kg net weight increase	20 hrs
D350-567-117	Super-sized Vertical Reference Floor Window Kit	5.1 lb / 2.31 kg net weight increase	20 hrs

Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-567-015	Small Vertical Reference Floor Window Kit - Sliding Door Compatible	Kit includes D350-567-031 interior window and D350-567-013 exterior window. Compatible with energy attenuating seat, sliding door, & landing light. Features a protective flap to cover the interior window. Exterior window installs in the 350A21-0024-00A1 (or equivalent) fairing only.	AS 350/AS 355	\$3,061
D350-567-017	Small Vertical Reference Floor Window Kit	Kit includes D350-567-115 interior window and D350-567-013 exterior window. Compatible with energy attenuating seat & landing light. Features a protective flap to cover the interior window. Exterior window installs in the 350A21-0024-00A1 (or equivalent) fairing only.	AS 350/AS 355	\$3,061
D350-567-025	Large Vertical Reference Floor Window Kit - Sliding Door Compatible	Kit includes D350-567-031 interior window and D350-567-023 exterior window. Compatible with energy attenuating seat & sliding door, requires relocation of landing light. Features a protective flap to cover the interior window. Exterior window installs in the 350A21-0024-00A1 & 350A21-0025-02 (or equivalents) fairings. Modified fairings are easily removed via 1/4 turn fasteners.	AS 350/AS 355	\$4,637
D350-567-027	Large Vertical Reference Floor Window Kit	Kit includes D350-567-115 interior window and D350-567-023 exterior window. Compatible with energy attenuating seat, requires relocation of landing light. Features a protective flap to cover the interior window. Exterior window installs in the 350A21-0024-00A1 & 350A21-0025-02 (or equivalents) fairings. Modified fairings are easily removed via 1/4 turn fasteners.	AS 350/AS 355	\$4,637
D350-567-111	Super-sized Vertical Reference Floor Window Kit	Kit includes D350-567-115 interior window and D350-567-113 exterior window. Compatible with energy attenuating seat, requires relocation of landing light. Features a protective flap to cover the interior window. Exterior window installs in the 350A21-0024-00A1 & 350A21-0025-02 (or equivalents) fairings. Modified fairings are easily removed via 1/4 turn fasteners.	AS 350/AS 355	\$5,144
D350-567-117	Super-sized Vertical Reference Floor Window Kit - Sliding Door Compatible	Kit includes D350-567-031 interior window and D350-567-113 exterior window. Compatible with energy attenuating seat & sliding door, requires relocation of landing light. Features a protective flap to cover the interior window. Exterior window installs in the 350A21-0024-00A1 & 350A21-0025-02 (or equivalents) fairings. Modified fairings are easily removed via 1/4 turn fasteners.	AS 350/AS 355	\$5,144

Vertical Reference Operation**Cargo Mirror**

The DART Cargo Mirror gives the pilot a clear view of the load and line for accurate pickup and release. The Cargo Mirror for the AS 350/355 consists of a lightweight, stainless steel frame that attaches to existing fastener locations on the aircraft nose to simplify installation. A second mirror can be added to provide the pilot with simultaneous viewing of both the cargo hook and the load.

- **Sturdy lightweight stainless steel construction**
- **Simple installation**

Improved Design!

**CARGO MIRROR INSTALLATION**

Approval	STC Number	A/C Approved	STC Description	
Canada	SH91-20	AS 350 B/B1/B2/B3/BA/C/D/D1 / AS 355E/F/F1/F2	Cargo Mirror Installation	
USA	SH856NE	AS 350B/B1/B2/B3/BA/C/D/D1 / AS 355E/F/F1/F2/N	Cargo Mirror Installation	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D350-561-141	Single Mirror Installation		2.5 lb / 1.1 kg	2 hrs
D350-561-143	Dual Mirror Installation		3.2 lb / 1.5 kg	2 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-561-141	Single Mirror Installation	Provides view of hook/load, 6" convex mirror New sturdier design reduces vibration.	AS 350/AS 355	\$1,254
D350-561-143	Dual Mirror Installation	Provides view of hook/load, 6" convex mirrors New sturdier design reduces vibration.	AS 350/AS 355	\$1,370
DSI9379-011	Upgrade Kit	Upgrades D350-561-041/-043 mirrors to new sturdier design.	AS 350/AS 355	Contact Sales

Gyro-Stabilized HD Imaging Gimbal - The Axsys / Cineflex V14 System

The Axsys / Cineflex V14 Gimbal is a flexible, fully digital, light weight gyro stabilized system that encapsulates a Sony High Definition camera providing full HD pixel resolution of 1920x1080. The V14 Gimbal accepts several HD lens options to achieve extremely long zoom focal lengths reaching up to 84X equaling 1760mm with unparalleled stability. The V14 has proven itself in several markets including airborne electronic news gathering, airborne law enforcement and surveillance, utility inspection imaging, television and motion picture production and live sporting event coverage.



- **Light, High Performance Gimbal, 67 lb**
- **Multiple HD Lens Options & Interchangeability**
- **Unsurpassed Stability at Long Focal Lengths**
- **Detailed Extreme Low Light Performance**
- **Over 2 million pixels of Hi-Def Resolution**
- **Unequaled Service & Support**
- **Command & Control Hi-Def Tactical Imaging**
- **Resolution & Stability at Surveillance Altitudes**
- **Geo Pointing Moving Map Compatibility**

GYRO-STABILIZED HD IMAGING GIMBAL - THE AXSYS / CINEFLEX V14 SYSTEM

Approval	STC Number	A/C Approved	STC Description	
	STC Mounts Available	N/A	Gyro-Stabilized HD Imaging Gimbal - Axsys / Cineflex V14 System	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
C-1847-1	Remote Iris & Focus Controller		1.00 lb / 0.45 kg	Plug & Play
C-1847-2	Minimized Remote Laptop Control Unit		1.50 lb / 0.68 kg	Plug & Play
C11819-1	(2) Remote Grip Assembly Controllers		3.00 lb / 1.36 kg	Plug & Play
	Several HD Lens Choices		Contact Technical Support	Contact Technical Support
	Several Mounting Solutions for Multiple AC		Contact Technical Support	Contact Technical Support
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
C-V14	Gyro-Stabilized HD Imaging Gimbal - Axsys / Cineflex V14 System	60 day lead time. (P180) Camera Control Box Mount available. Video System STC Installation available.	AS 350/AS 355	Contact Sales

Cameras**Gyro-Stabilized HD/IR Multi-Sensor Imaging Gimbal
The Axsys / Cineflex V14MS Magnum**

The Axsys / Cineflex V14MS Gimbal is a high performance, small, light-weight, flexible, fully digital, gyro stabilized system that encapsulates a Sony High Definition camera providing full HD pixel resolution of 1920x1080. It also stabilizes a Triple Field Of View Infrared 320x256 thermal imaging sensor. The Magnum is the first and only full resolution HD color camera combined with a thermal imaging system available. It has proven itself in several markets including airborne fire fighting, airborne law enforcement and surveillance, utility inspection imaging, and television and motion picture production.

- **Light, high performance Gimbal, 67 lb**
- **Unsurpassed stability at long focal lengths**
- **Detailed extreme low light performance**
- **Outstanding thermal imaging detail**
- **Simultaneous HD & IR monitoring options**
- **Geo pointing & moving map compatibility**
- **Over 2 million pixels of HD resolution**
- **Unequaled service & support**
- **Command & control HD & IR tactical imaging**
- **Resolution & stability at surveillance altitudes**



GYRO-STABILIZED HD/IR MULTI-SENSOR IMAGING GIMBAL - THE AXSYS / CINEFLEX V14MS MAGNUM					
Approval	STC Number	A/C Approved		STC Description	
	STC Mounts Available	N/A		Gyro-Stabilized HD/IR Multi-Sensor Imaging Gimbal - Axsys / Cineflex V14MS	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.					
Part Number	Product Description			Kit Weight	Installation Time
C-V14MS	Gyro-Stabilized HD/IR Multi-Sensor Imaging Gimbal - Axsys / Cineflex V14MS			109 lb / 49.55 kg (Complete Kit Includes Gimbal)	Call Technical Support
Part Number	Product Description	Special Comments		Aircraft Model	Price (USD)
C-V14MS	Gyro-Stabilized HD/IR Multi-Sensor Imaging Gimbal - Axsys / Cineflex V14MS	60 day lead time. (P180) Camera Control Box Mount available. Video System STC Installation available.		AS 350/AS 355	Contact Sales

A-Star Straight Tube

The Tyler Nose Video Gimbal (NVG) Support Framework. For over 40 years Tyler Camera Systems has been a leader in the design and manufacturing of equipment for aerial cinematography. Honored by the Motion Picture Industry 4 times with Academy Awards for Technical Achievement. Tyler Camera Systems has designed a line of frameworks to support popular Video Gimbal Camera systems such as: Flir Ultramedia, Axsys / Cineflex V14, Polytech & Wescam. Tyler's NVG, Straight Tube Camera Support Framework uses 4130 chrome molly steel for its framework and 7075-T6 aluminum for the clamping system. After initial set up time of 2 hours, the Straight Tube goes on & off in under 5 minutes. The Straight Tube Framework can be mounted on either right or left side of the ship. The Tyler Straight tube requires no counter balance weight.



- **No counterweight required**
- **Can be mounted left or right side**
- **Straight Tube goes on & off in under 5 minutes after initial set up time of 2 hours**

VIDEO GIMBAL CAMERA FRAMEWORK

Approval	STC Number	A/C Approved	STC Description	
USA	SR00851LA	AS 350B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1/F2/N/NP	Video Gimbal Camera Framework	
Canada	Canadian acceptance of SR00851LA	AS 350B/B1/B2/BA/C/D/D1/ AS 355E/F/F1/F2/N	Video Gimbal Camera Framework	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
A-S ST. TUBE	Video Gimbal Camera Framework		20 lbs	On and off in under 5 minutes after Initial set up of 2 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
A-S ST. TUBE	Video Gimbal Camera Framework	Used Worldwide	AS 350/AS 355	\$9,795

NEW!

Mounts

VGI (Video Gimbal Isolator)

For over 40 years Tyler Camera Systems has been a leader in the design and manufacturing of stabilized camera systems for the motion picture industry. Honored with 4 Academy Awards for Technical Achievement from the Academy of Motion Picture Arts & Science. Tyler has developed the Tyler VGI (Video Gimbal Isolator) a vibration isolation system to compliment the Tyler A-Star Straight Tube. The VGI was designed to achieve maximum strength in the lightest possible package and supports Flir Ultramedia, Axsys / Cineflex V14, Polytech & Wescam. The VGI uses 7075-T6 aluminum (anodized black) to house vibration isolators positioned between two opposing plates. Integrated into the design are through slots for easy gripping to facilitate lifting when gimbals are attached. The VGI attaches to the Tyler A-Star Straight Tube in under 2 minutes using a 2" dia. solid male insert made of 4130 chrome molly steel, held in place with a .375 rod and secured with a safety clasp. The entire VGI is protected from damaging elements by a form fitting ABS cover.

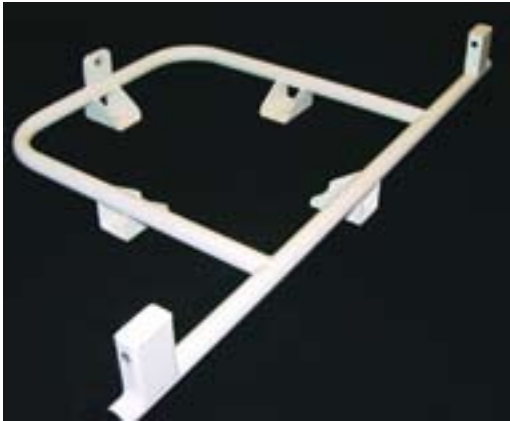
- Improved image quality
- Installs in less than a minute
- Integral gripping slots for easy lifting



VIDEO GIMBAL ISOLATOR					
Approval	STC Number	A/C Approved		STC Description	
USA	SR00851LA	AS 350B/B1/B2/B3/BA/C/D/D1/ AS 355E/F/F1/F2/N/NP		Video Gimbal Camera Framework	
Canada	Canadian acceptance of SR00851LA	AS 350B/B1/B2/BA/C/D/D1/ AS 355E/F/F1/F2/N		Video Gimbal Camera Framework	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.					
Part Number	Product Description			Kit Weight	Installation Time
Tyler VGI	Video Gimbal Isolator			25 lbs	Under 1 minute
Part Number	Product Description	Special Comments		Aircraft Model	Price (USD)
Tyler VGI	Video Gimbal Isolator	Vibration Isolation improves image quality for Video Balls when used on the Tyler A-Star Straight Tube		AS 350/AS 355	\$6,325



AStar Pod Bracket



The AStar Pod Bracket installs easily using three quick pins and the existing AStar 350 Series Cargo Hook Provisions.

This bracket supports the installation of a variety of Microwave Antenna Pods in order to permit live video downlinks from the rotorcraft.

- **Easy to install**
- **Nickel-plated to resist corrosion**
- **Designed to accept a variety of pods**

ASTAR POD BRACKET

Approval	STC Number	A/C Approved	STC Description	
USA	SH2791S0	AS 350B/B1/B2/B3/BA/D	Pod Bracket	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
118-04-010	Pod Bracket		7.15 lb / 3.25 kg	1hr
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
118-04-010	Astar Pod Bracket	Installation of this product requires the aircraft to be on high gear	AS 350	\$6,946

Tail Camera Mount

A picture is worth a thousand words, especially when it provides a stable wide-angle view.

News helicopters have relied on this Tail Camera for more than 12 years to deliver a spectacular wide-angle view of the helicopter in flight and the surrounding scenery. Fitted with a threaded UV Lens and O-Ring Seal, this housing provides protection for the camera insuring greater longevity of the CCD Camera. The mount attaches to the outboard upper surface of the Horizontal Stabilizer and can be installed on the Left, or Right Side. The Tail Camera Mount is great for tour, newsgathering, EMS safety shots, or survey applications.



TAIL CAMERA MOUNT

Approval	STC Number	A/C Approved	STC Description		
USA	SR00219SE	AS 350B/BA/B1/B2/C/D/D1 AS 355E/F/F1/F2/M2/N	Horizontal Stabilizer Camera Mount		
Canada	SH08-9	AS 350B/BA/B1/B2/C/D/D1 AS 355E/F/F1/F2/M2/N	Horizontal Stabilizer Camera Mount		
Brazil	CHST 2007S06-15	AS 350B	Horizontal Stabilizer Camera Mount		
Brazil	CHST 2007S06-16	AS 350BA/B1/B2	Horizontal Stabilizer Camera Mount		
Brazil	CHST 2007S06-17	AS 355F1/F2/N	Horizontal Stabilizer Camera Mount		
EASA	Pending	AS 350B/BA/B1/B2/C/D/D1 AS 355E/F/F1/F2/M2/N	Horizontal Stabilizer Camera Mount		
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.					
Part Number	Product Description	Kit Weight		Installation Time	
P129	Horizontal Stabilizer Camera Mount	Installed weight of housing and camera approx. 1.00 LB		Contact Technical Support	
Part Number	Product Description	Special Comments		Aircraft Model	Price (USD)
P129-350	Horizontal Stabilizer Camera Mount	Utilizes a color video camera that provides a wide-angle view of the side of the aircraft and scenery below. Ideal for tours, news gathering or survey applications.		AS 350/AS 355	\$5,192
CC-431E	1-CCD "Lipstick" Color Video Camera	Camera is an option, available at Geneva Aviation		AS 350	\$5,838

Avionics Accessories**Camera Control Box Installation**

Mounting of your Gimbal Camera Control Box was never easier than with our installation kit. The installation allows use of either Axsys / Cineflex V14 series or FLIR UM series camera units. The optional FLIR Adapter brackets allow an operator to use either camera unit in the same aircraft. The flip down design allows easy service and configuration of the unit without removing it from the aircraft. Whether for production or newsgathering your aircraft will always be able to accommodate the equipment you need when you need it in just a few minutes.

**CAMERA CONTROL BOX INSTALLATION**

Approval	STC Number	A/C Approved	STC Description
US	SR00643SE	AS350B, BA, B1, B2, C, D, D1, AS355E, F, F1, F2, N	Video System
Brazil	CHST 2007S06-31	AS350B, BA, B1, B2, C, D, D1, AS355E, F, F1, F2, N	Video System
Canada	SH08-51	AS350B, BA, B1, B2, C, D, D1, AS355E, F, F1, F2, N	Video System
EASA	PENDING	AS350B, BA, B1, B2, C, D, D1, AS355E, F, F1, F2, N	Video System

New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.

Part Number	Product Description		Kit Weight	Installation Time
P180-350	Camera Control Box Installation		7 lbs	8 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P180-350	Camera Control Box Installation		AS 350/AS 355	\$4,825

Modular Equipment Rack

Mount Your Avionics In A Convenient, Uniform Rack

6.25" and 12" module width;

Total load limit 60lbs

1" Vertical spacing for rails;

Mount devices in rack with 1/4 turn fasteners;

Spring mounted isolators reduce vibration damage to electronics;

Mounts in LH or RH side baggage compartment;

Optional generic mounting boxes and trays are available and are designed to easily mount your devices.

**MODULAR EQUIPMENT RACK**

Approval	STC Number	A/C Approved	STC Description
US	SR00474SE	AS350B/BA/B1/B2/B3/C/D/D1/AS355E/F/F1/F2/N	Modular Equipment Rack
Brazil	CHST 2007S06-27	AS350B	Modular Equipment Rack
Brazil	CHST 2007S06-28	AS350BA/B1/B2/B3	Modular Equipment Rack
Brazil	CHST 2007S06-29	AS355F1/F2/N	Modular Equipment Rack
Canada	P-07-0384	AS350B/BA/B1/B2/B3/C/D/D1/ AS355E/F/F1/F2/N	Modular Equipment Rack
EASA	EASA.IM.R.S.01357	AS350B/BA/B1/B2/B3/D/ AS355E/F/F1/F2/N	Modular Equipment Rack

New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.

Part Number	Product Description		Kit Weight	Installation Time
P142-350	Modular Equipment Rack		15 lbs	8 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P142-350	Modular Equipment Rack		AS 350/AS 355	\$4,227

Monitor Mount

Structural mount (light weight rigid) for LCD panels.

Adjustable heights for optimum viewing. Quick and easy removal from aircraft for changing configurations. Load rated for 25 pounds.

Can also be used as a Tactical Mount for law enforcement.



MONITOR MOUNT				
Approval	STC Number	A/C Approved	STC Description	
USA	SR00643SE	AS 350B/B1/B2/BA/D/D1	Monitor Mount	
Canada	Pending	AS 350B/B1/B2/BA/D/D1	Monitor Mount	
EASA	Pending	AS 350B/B1/B2/BA/D/D1	Monitor Mount	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description	Kit Weight	Installation Time	
P165	Monitor Mount	6.00 lb / 2.73 kg	5 hrs	
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P165	Monitor Mount		AS 350	\$4,825

Utility Rack Cargo Compartment

Here is an easy way to get easy access equipment mounted into the cargo compartment of an AStar. The utility rack securely mounts optional equipment in the Aft cargo compartment. It's easy to install and can be removed as needed.



UTILITY RACK CARGO COMPARTMENT				
Approval	STC Number	A/C Approved	STC Description	
USA	SR00361SE	AS 350/AS 355 Series	Cargo Compartment Utility Rack	
Canada	P-08-0066	AS 350/AS 355 Series	Cargo Compartment Utility Rack	
EASA	Pending	AS 350/AS 355 Series	Cargo Compartment Utility Rack	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
P141	Cargo Compartment Utility Rack		N/A	N/A
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P141	Utility Rack Cargo Compartment	Securely mounts optional equipment in the Aft cargo compartment	AS 350/AS 355	\$2,536

Avionics Accessories**Audio System**

The P139 Audio System is designed for Electronic News Gathering, Homeland Security, Law Enforcement or applications where managing large numbers of radios and other audio sources must be achieved with minimum crew workload. The P139 delivers high-quality audio in a modular and customizable design to exactly fit the needs of the crew.

- Handles transmit, receive and keyline for 16 radios, or other devices needing audio in or out.
- Mic or line level input and output.
- P139 router handles all audio in a single box. Reduces cabling weight, noise and crosstalk.
- Multiple ICS and transmit keylines available for each crew station.
- Pilot can have separate COM1 radio and selected keylines to reduce workload.
- Multi-channel intercom allows ICS between passengers without disturbing flight crew.
- ICS has VOX for each headset.
- Each crew station has full control of all audio functions through G11428 audio control board.
- Connect 5 additional headsets to one board through the G12358 headset expander.
- Control heads can be customized for each crew station. NVG filters available.
- Custom crew stations are ideal for mixing audio to tape or broadcast to station.
- Multicast mode allows transmit on multiple radios at once.
- Repeater mode allows retransmit between any number of radios of any make.

Base Audio System:

- Pilot Crew Station:
 - G11428 Audio Board
 - G11462 Audio Control Panel
- Com1Direct for pilot
- Dimmer Interface
- Audio Router Unit
- Installation instructions

Options:

- Additional Crew Stations
- Optional Control Heads:
 - G11431 Control Panel (Slide-Pot)
 - G11462 Control Panel (8 Tx/Rx)
 - G11480 Control Panel (Rx Only)
 - G11490 Control Panel (9 Tx/Rx, 7 Rx-only)
- Crew Headset Switchbox Cable
- Passenger Headset Expander
- Com2Direct for co-pilot
- Attenuator module
- NVG Internal Filters, per control head

**P139 Router and G11431 Control Panels****G11462 Control Panel**

DO160E **Tempest** **Passed** **Testing**

AUDIO SYSTEM

Approval	STC Number	A/C Approved	STC Description	
USA	SR00521SE	AS 350B/B1/B2/B3/BA/C/D/D1 / AS 355E/F/F1/F2	Audio System	
Brazil	CHST 2007S06-30	AS 350B/B1/B2/B3/BA / AS 355F1/F2/N	Audio System	
Canada	Pending	AS 350B/B1/B2/B3/BA/D/D1 / AS 355E/F/F1/F2	Audio System	
EASA	Pending	AS 350B/B1/B2/B3/BA/D/D1 / AS 355E/F/F1/F2	Audio System	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
P139	Audio System		Contact Technical Support	Contact Technical Support
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P139	Audio System		AS 350/AS 355	\$18,738

Digital Audio System

The P139-HD Digital Audio System is designed for Electronic News Gathering, Homeland Security, Law Enforcement and other applications where managing large numbers of radios or other audio sources must be achieved with minimum crew workload. The P139-HD provides CD-quality digital audio in a fully-customizable system to exactly fit the needs of the crew.

Features:

All audio digitized and mixed at CD quality in the router. Reduces cabling weight, noise and crosstalk.

Supports 12 crew headsets.

Each headset can have individual control heads, or multiple passengers can share one control station.

ICS and Transmit keylines for each headset.

Flight Crew can have separate keylines for COM1, COM2 and for panel-selected radio to reduce workload.

Multi-channel intercom allows ICS between passengers without disturbing flight crew.

ICS has individual VOX for each headset.

Multicast Mode allows transmit on multiple radios at once.

Repeater mode allows retransmit between any number of radios of any make.

Web-based configuration allows mic level and volume changes from any laptop.

Control heads can be customized for each crew station.

NVG filters available.



Digital Router



G11462 Control Panel

- **Superior Audio quality**
- **Handles Transmit, Receive and Keyline for 20 radios or other audio devices**
- **Completely Customizable to mission needs**
- **Reduced wiring and noise/crosstalk than analog audio systems**
- **Compact design**
- **Range of control head types are available to fit panel space and mission requirements**



DIGITAL AUDIO SYSTEM					
Approval	STC Number	A/C Approved		STC Description	
USA	Pending			Digital Audio System	
Canada	Pending			Digital Audio System	
EASA	Pending			Digital Audio System	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.					
Part Number	Product Description			Kit Weight	Installation Time
P139-HD	Digital Audio System			Contact Tech Support	Contact Tech Support
Part Number	Product Description	Special Comments		Aircraft Model	Price (USD)
P139-HD	Digital Audio System			AS 350, AS 355	\$18,738

Avionics Accessories

Instrument Panel and Improvements

The P101 Instrument Panel allows you to replace your current instrument panel with a custom panel to meet your desired configuration. The Astar's original fiber-optic lighting system (including the light box, and optionally the dimmer module) is replaced with post lights (sold separately) that uses factory dimmer and the Geneva wiring diagram, resulting in more reliable instrument readability and an attractive, lightweight panel.



- **P101-N Used in conjunction with P137-N (Instrument Panel Visor)**
- **P101-W Used in conjunction with P137-W (Instrument Panel Visor) and the P125-W (Instrument Panel Support Structure)**
- **Ask about P118-L (approx. 25 lights) (Light Dimmer Module Kit)**



INSTRUMENT PANEL & IMPROVEMENTS

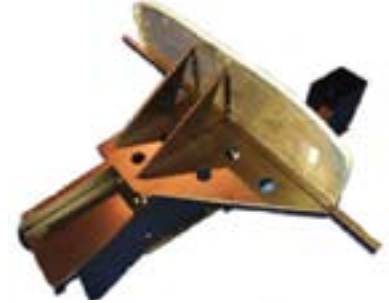
Approval	STC Number	A/C Approved	STC Description
USA	SR00242SE	AS 350B/B1/B2/B3/BA/C/D/D1	Custom Instrument Panel
Brazil	CHST 2007S06-20	AS 350B	Custom Instrument Panel
Brazil	CHST 2007S06-21	AS 350 BA/B1/B2/B3	Custom Instrument Panel
Canada	P-07-0413	AS 350B/B1/B2/B3/BA/D/D1	Custom Instrument Panel
EASA	Pending	AS 350B/B1/B2/B3/BA/D/D1	Custom Instrument Panel
USA	SH4747NM	AS 350B/BA/B1/B2/B3/C/D/D1	Light Dimmer Module & Post Lights
Brazil	CHST 2007S06-08	AS 350B	Light Dimmer Module & Post Lights
Brazil	CHST 2007S06-09	AS 350BA/B1/B2/B3	Light Dimmer Module & Post Lights
Canada	SH93-83	AS 350B/BA/B1/B2/B3/C/D/D1	Light Dimmer Module & Post Lights

New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.

Part Number	Product Description		Kit Weight	Installation Time
P101-N	Custom Instrument Panel, Narrow		1.50 lb / 0.68 kg	Contact Technical Support
P101-S	Custom Instrument Panel, Standard		2.00 lb / 0.91 kg	Contact Technical Support
P101-W	Custom Instrument Panel, Wide		3.00 lb / 1.36 kg	Contact Technical Support
Post Lights	Post Lights		Less than 1.00 lb / 0.45 kg	Contact Technical Support
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P101-N	Custom Instrument Panel, Narrow	Must be used in conjunction with P137-N Instrument Panel Visor and P125-S Instrument Panel Support Structure	AS 350	\$2,772
P101-S	Custom Instrument Panel, Standard		AS 350	\$3,013
P101-W	Custom Instrument Panel, Wide	Must be used in conjunction with P137-W Instrument Panel Visor and P125-W Instrument Panel Support Structure.	AS 350	\$3,617
Post Lights	Post Lights	Typical panel uses 20 post lights. Not available for AS 350B3 Price is for one light	AS 350	\$92

Instrument Panel Support Structure

The P125 Instrument Panel Support Structure, used with the P101 Custom Instrument Panel, allows you to custom configure your aircraft panel and support structure to accommodate nearly any desired layout of instruments, radio displays, and other special equipment. Available in powder-coated black or custom colors.



INSTRUMENT PANEL SUPPORT STRUCTURE (AKA/PEDESTAL)

Approval	STC Number	A/C Approved	STC Description
USA	SR00242SE	AS 350B/B1/B2/B3/BA/C/D/D1	Instrument Panel Support Structure
Brazil	CHST 2007S06-20	AS 350B	Instrument Panel Support Structure
Brazil	CHST 2007S06-21	AS 350B/B1/B2/B3	Instrument Panel Support Structure
Canada	P-07-0413	AS 350B/B1/B2/B3/BA/D/D1	Instrument Panel Support Structure
EASA	Pending	AS 350B/B1/B2/B3/BA/D/D1	Instrument Panel Support Structure

New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.

Part Number	Product Description		Kit Weight	Installation Time
P125-S	Instrument Panel Support Structure, Standard		9.00 lb / 4.09 kg	Contact Technical Support
P125-W	Instrument Panel Support Structure, Wide		10.00 lb / 4.54 kg	Contact Technical Support
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P125-S	Instrument Panel Support Structure, Standard		AS 350	\$4,221
P125-W	Instrument Panel Support Structure, Wide	Must be used in conjunction with P137-W Instrument Panel Visor and P101-W Custom Instrument Panel.	AS 350	\$4,825

Instrument Panel Visor

The Instrument Panel Visor is made of a high-strength fiberglass composite which is resilient to the effects of heat and sunlight. It is delivered to you already painted (Black) to make installation that much quicker.



INSTRUMENT PANEL VISOR (AKA/GLARE SHIELD)

Approval	STC Number	A/C Approved	STC Description
USA	SH4748NM	AS 350B/BA/B1/B2/B3/C/D/D1	Instrument panel visor
Brazil	CHST 2007S06-10	AS 350B	Instrument panel visor
Brazil	CHST 2007S06-11	AS 350BA, B1, B2	Instrument panel visor
Canada	SH93-85	AS 350B/BA/B1/B2/B3/C/D/D1	Instrument panel visor
EASA	Pending	AS 350B/BA/B1/B2/B3/C/D/D1	Instrument panel visor

New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.

Part Number	Product Description		Kit Weight	Installation Time
P137	Instrument Panel Visor		5.50 lb / 2.50 kg	6-8 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P137-N	Instrument Panel Visor, Narrow	Made of high-strength fiberglass composite, resilient to the effects of heat and sunlight. Must be used in conjunction with the P101-N Custom Instrument Panel (narrow width)	AS 350	\$2,525
P137-S	Instrument Panel Visor, Standard	Made of high-strength fiberglass composite, resilient to the effects of heat and sunlight. 30.7" x 11.0" x 24.5".	AS 350	\$2,525
P137-W	Instrument Panel Visor, Wide	Made of high-strength fiberglass composite, resilient to the effects of heat and sunlight. 42.0" x 11.0" x 24.5". Must be used in conjunction with the P101-W Custom Instrument Panel (wide width) and P125-W Instrument Panel Support Structure	AS 350	\$3,422

Avionics Accessories**20 Amp, 28 to 12 Volt DC to DC Power Converter**

Power Converter to provide 12 to 14 VDC (Adjustable) to a variety of loads. Provides clean regulated power to accessories without the potential for causing squelch issues in VHF Communications radios. Designed to drive all loads including processor based systems.

Features of the Product: Low Ripple <50 mv. Tight regulation across the entire load rating. Small, Light package. Directly interchangeable with KGS RG-28 wiring and mechanical installations. Instant Start-up. Comes Complete with Cannon Connector Kit.

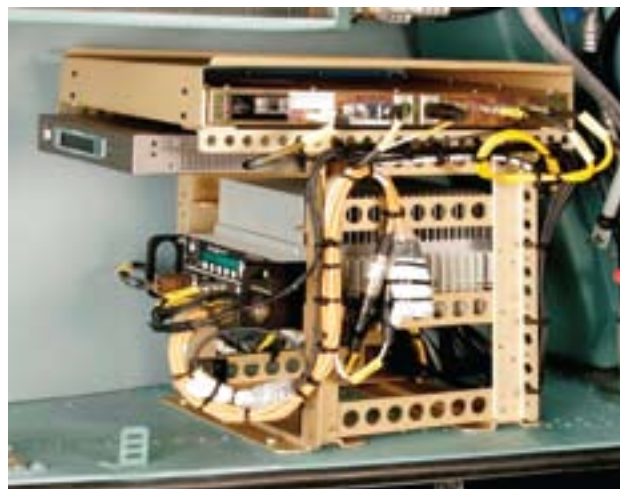
Benefits of the Product: Lower Cost than its direct counterpart. Will not cause undesirable noise in communications systems. Designed specifically for stable power in high density processor based systems.

**20 AMP, 28 TO 12 VOLT DC TO DC POWER CONVERTER**

Approval	STC Number	A/C Approved	STC Description	
US	SR00643SE	AS 350B/BA/B1/B2/C/D/D1 AS 355E/F/F1/F2/N	20 Amp, 28 to 12 VDC, DC to DC Converter	
Brazil	CHST 2007S06-31	AS 350B/BA/B1/B2/C/D/D1 AS 355E/F/F1/F2/N	20 Amp, 28 to 12 VDC, DC to DC Converter	
Canada	SH08-51	AS 350B/BA/B1/B2/C/D/D1 AS 355E/F/F1/F2/N	20 Amp, 28 to 12 VDC, DC to DC Converter	
EASA	PENDING	AS 350B/BA/B1/B2/C/D/D1 AS 355E/F/F1/F2/N	20 Amp, 28 to 12 VDC, DC to DC Converter	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
G12980	20 Amp, 28 to 12 VDC, DC to DC Converter		Contact Tech Support	Contact Tech Support
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
G12980	20 Amp, 28 to 12 VDC, DC to DC Converter		AS 350	\$800

Microwave Radio Rack

This flexible equipment rack solution makes installation of Microwave Radios, HD Encoders and a single 19" 1 to 3 RU device (optional) safe and secure. With a load limit of 100 lbs this kit makes Nextel / Sprint 2 Ghz relocation or HD Upgrade changes faster and easier than any other rack system available. This rack is configurable for either MRC Strata or NuComm Channelmaster series microwave transmitters and receivers as well as any other 1/2 rack width units. It is a must have item for news and law enforcement helicopters.



MICROWAVE RADIO RACK

Approval	STC Number	A/C Approved	STC Description	
USA	SR00643SE	AS 350B/B1/B2/BA	Microwave Radio Rack	
Brazil	CHST 2007S06-31	AS 350B/BA/B1/B2/BA/AS 355F1/F2/N	Microwave Radio Rack	
Canada	SH08-51	AS 350B/B1/B2/BA	Microwave Radio Rack	
EASA	Pending	AS 350B/B1/B2/BA	Microwave Radio Rack	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
P160-350-MRC	Microwave Radio Rack Installation Kit (MRC Strata)		Contact Technical Support	Contact Technical Support
P160-350-NUC	Microwave Radio Rack Installation Kit (Nucomm)		Contact Technical Support	Contact Technical Support
P160-FAN	Cooling Fan		1.00 lb / 0.45 kg	1 hr
P160-TRAY	Mounting Tray		0.25 lb / 0.11 kg	0.5 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P160-350-MRC	Microwave Radio Rack Installation Kit (MRC Strata)	For MRC Strata Radios. Includes Cooling Fan.	AS 350	\$10,011
P160-350-NUC	Microwave Radio Rack Installation Kit (Nucomm)	For Nucomm Channel Master Radios.	AS 350	\$7,240
P160-FAN	Cooling Fan		AS 350	\$2,772
P160-TRAY	Mounting Tray		AS 350	\$1,050

Avionics Accessories**Improved Switch Console**

This console is delivered in a standard configuration or customized to your mission specifics as a finished ready to install product. Cannon plug connections make installation and implementation of changes quick and easy. The P122 is the same exact size and shape as the factory original console. This console is very technically friendly and easy access to all circuit breakers and switches are provided by hinged panels that allow full access.

Say goodbye to intermittent push button switches and fuses. All switches and circuit breakers are MIL-STD type for rugged reliable service. Enough room is provided for 24 toggle switches and 62 circuit breakers.

Easily modified switch legends are LED backlit and may be changed quickly as your configuration changes over the years of reliable service you will enjoy with this product. NVG (Night Vision Goggle) Compatibility is also available as an option. With its internal dimmer power supply and control, the pilot can independently dim the console to any desired level for maximum crew comfort during night operations.

This console is chosen for applications that do not require the additional avionics space provided by the P132 Electrical Console.

**IMPROVED SWITCH CONSOLE**

Approval	STC Number	A/C Approved	STC Description
USA	SH4747NM	AS 350B/B1/B2/B3/BA/C/D/D1	Console
Brazil	CHST 2007S06-08	AS 350B	Console
Brazil	CHST 2007S06-09	AS 350B1/B2/B3/BA	Console
Canada	SH93-83	AS 350B/B1/B2/B3/BA/D/D1	Console
EASA	EASA.IM.R.S.01343	AS 350B/B1/B2/B3/BA/D/D1	Console

New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.

Part Number	Product Description	Kit Weight	Installation Time
P122-ACP	Console	14.00 lb / 6.36 kg	20 hrs
P122-AI	Pre-wired 22 Circuit Breaker Avionics Group	2.00 lb / 0.91 kg	N/A
P122-SW	Additional Installed Switch	N/A	N/A
P122-CB	Additional Circuit Breaker	N/A	N/A
P122-NVG	Night Vision Goggle Compatible	N/A	N/A
P122-LT	Locking Toggle Switch	N/A	N/A
P148-ACP	Console	14.00 lb / 6.36 kg	20 hrs
P149-ACP	Console	14.00 lb / 6.36 kg	20 hrs

Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P122-ACP	Console		AS 350	\$7,602
P122-AI	Pre-wired 22 Circuit Breaker Avionics Group		AS 350	\$2,745
P122-SW	Additional Installed Switch	3 positions available	AS 350	\$88
P122-CB	Additional Circuit Breaker	22 positions available	AS 350	\$149
P122-NVG	Night Vision Goggle Compatible		AS 350	\$840
P122-LT	Locking Toggle Switch	Substitute locking toggle switch	AS 350	\$128
P148-ACP	Console	For newer AS 350B2 only	AS 350	\$7,602
P149-ACP	Console	For newer AS 350B3 only	AS 350	\$7,602

Avionics Switch Console

Stack 10 inches of avionics near the pilot with ease. This console is delivered in a standard configuration or customized to your mission specifics as a finished ready to install product. Cannon plug connections make installation and implementation of changes quick and easy.

Say goodbye to intermittent push button switches and fuses. All switches and circuit breakers are MIL-STD type for rugged reliable service. The console provides enough room for up to 60 circuit breakers as well as switches for added equipment.

Easily modified switch legends are LED backlit and may be changed quickly as your configuration changes over the years of reliable service you will enjoy with this product. NVG (Night Vision Goggle) Compatibility is also available as an option. With its internal dimmer power supply and control, the pilot can independently dim the console to any desired level for maximum crew comfort during night operations.



AVIONICS SWITCH CONSOLE

Approval	STC Number	A/C Approved	STC Description	
USA	SH4747NM	AS 350B/BA/B1/B2/B3/C/D/D1	Console	
Brazil	CHST 2007S06-08	AS 350B	Console	
Brazil	CHST 2007S06-09	AS 350BA/B1/B2/B3	Console	
EASA	EASA.IM.R.S.01343	AS 350B/B1/B2/B3/BA/D	Console	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
P132-ACP	Assembled Generic Console		Contact Technical Support	Contact Technical Support
P132-AI	Pre-wired 22 C/B Avionics Group		Contact Technical Support	Contact Technical Support
P132-N	Narrow Console Version		Contact Technical Support	Contact Technical Support
P132-LT	Locking Toggle Switch		Contact Technical Support	Contact Technical Support
P132-CW	Custom Wiring		Contact Technical Support	Contact Technical Support
P132-A	20 Circuit Breakers & One Cannon Plug		Contact Technical Support	Contact Technical Support
P132-DZ	Dzus Rail		Contact Technical Support	Contact Technical Support
P132-SCM	Mount for Additional Switches		Contact Technical Support	Contact Technical Support
P132-SW	Additional Installed Switch		Contact Technical Support	Contact Technical Support
P132-CB	Additional Circuit Breaker		Contact Technical Support	Contact Technical Support
P132-NVG	NVG Capability		Contact Technical Support	Contact Technical Support
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P132-ACP	Assembled Generic Console	Allows 10.4" avionics stack height near pilot. Comes fully assembled in generic configuration with mating cannon plugs and replacement cyclic sticks.	AS 350	\$16,979
P132-AI	Prewired 22 C/B Avionics Group	Pre-wired 22 circuit breaker avionics group, installed.	AS 350	\$1,942
P132-N	Narrow Console Version	Narrow console version (5.75" inside width for Dzus mount avionics).	AS 350	\$974
P132-LT	Locking Toggle Switch	Substitute locking toggle switch.	AS 350	\$128
P132-A	20 Circuit Breakers & One Cannon Plug		AS 350	Contact Sales
P132-DZ	Dzus Rail		AS 350	\$132
P132-CB	Additional Circuit Breaker	22 positions available	AS 350	\$149
P132-NVG	NVG Capability	NVG capability	AS 350	\$1,216
P132-SCM	Mount for additional Switches	Adds 6 positions	AS 350	\$1,012
P132-SW	Additional Installed Switch		AS 350	\$88
P132-CCF	Custom Configuration Fee		AS 350	\$2,888

Avionics Accessories**Supplemental Avionics Console**

The Supplemental Avionics Console is a convenient way to mount more radios and control panels within easy reach of the pilot and co-pilot and a rear seat occupant. The console increases avionics space by 10 inches and is located in between the pilot and co-pilot. The console is made of aluminum with a powder coat finish, making it very durable.

*P123 - Is not compatible with a two place front seat.



SUPPLEMENTAL AVIONICS CONSOLE				
Approval	STC Number	A/C Approved	STC Description	
USA	SR00222SE	AS 350B/BA/B1/B2/B3/C/D/D1	Supplemental Avionics Console	
Brazil	CHST 2007S06-18	AS 350B	Supplemental Avionics Console	
Brazil	CHST 2007S06-19	AS 350BA/B1/B2/B3	Supplemental Avionics Console	
Canada	SH96-3	AS 350B/BA/B1/B2/B3/C/D/D1	Supplemental Avionics Console	
EASA	EASA.IM.R.S.01374	AS350B/B1/B2/B3/BA/D	Supplemental Avionics Console	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
P123	Supplemental Avionics Console		Installed weight of Console is approx. 4.0 lb	4 hrs
P123-C	Supplemental Avionics Console		Installed weight of Console is approx. 4.0 lb	4 hrs
P123-DPS	Supplemental Avionics Console		Installed weight of Console is approx. 4.0 lb	4 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P123	Supplemental Avionics Console	Provides a convenient way to mount more radios and control panels within easy reach of pilot, co-pilot and rear seat occupants.	AS 350	\$5,779
P123-C	Supplemental Avionics Console	For use with Energy Attenuating Seats.	AS 350	\$3,807
P123-DPS	Supplemental Avionics Console	Provides additional space for larger radios.	AS 350	\$6,814

Rear Communications Console

Mount up to 20 lbs of avionics and control panels in a convenient back seat center console.

Ideal for ENG applications where you need to have multiple control panels close to the photographer or engineer.



REAR COMMUNICATIONS CONSOLE				
Approval	STC Number	A/C Approved	STC Description	
US	SR00388SE	AS350B/ BA/B1/B2/B3/C/D/D1	Rear Communications Console	
Brazil	CHST 2007S06-25	AS350B	Rear Communications Console	
Brazil	CHST 2007S06-26	AS350BA/B1/B2/B3	Rear Communications Console	
Canada	P-08-0068	AS350B/BA/B1/B2/B3/C/D/D1	Rear Communications Console	
EASA	EASA.IM.R.S.01401	AS350B/BA/B1/B2/B3/D	Rear Communications Console	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
P153	Rear Communications Console		10 LBS	16hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P153	Rear Communications Console	Requires concurrent P134 Rear Seat Modification kit installation	AS 350	\$4.825

AS 350 Air Conditioning Kit

The AS 350 Air Conditioning Kit is a complete cabin cooling solution that offers a lightweight reliable cooling system with no negative effect on aircraft performance. Apical Industries surveyed various operators about the shortcomings of their current systems and incorporated numerous improvements to address these concerns.

The kit is a lighter and more reliable alternative to currently certified systems. All of the main components are mounted on the transmission deck, allowing full use of the baggage compartment and increasing ease of maintenance. All of the major components can be removed for missions that do not require air conditioning. The Condenser and Evaporators are state of the art aluminum microfin heat exchangers, which allow for much higher efficiencies, lighter weight, and a more compact design than other systems. A single evaporator replaces the current double evaporator design, saving weight but providing the same cooling capacity. Additional overhead ducts are installed to cool the pilot and copilot from both directions.

A variable displacement Compressor increases the efficiency of the system by automatically sensing the heat load and compensating for it by either increasing or decreasing the rate of refrigerant going through the system, thereby reducing power consumption and increasing the life of the compressor. Stronger compressor brackets have improved fatigue resistance over current systems, and are adjustable to allow for precise tensioning of the belt.

The Condenser fan has been designed with a stainless steel hub to prevent fan failure and improve service life.

NEW!



AS 350 AIR CONDITIONING KIT

Approval	STC Number	A/C Approved	STC Description	
USA	SR02174LA	AS 350C/D/D1/B/B1/B2/BA/B3	AS 350 Air Conditioning Kit	
Canada	Pending	AS 350C/D/D1/B/B1/B2/BA/B3	AS 350 Air Conditioning Kit	
EASA	Pending	AS 350C/D/D1/B/B1/B2/BA/B3	AS 350 Air Conditioning Kit	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
646.0101	AS 350 Air Conditioning Kit		50 lbs	40 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
646.0101	AS 350 Air Conditioning Kit		AS 350C/D/D1/ B/B1/B2/BA/B3	\$19,500

Interiors

Interior Panels

Durable, lightweight interior trim panels improve the aesthetics of the aircraft interior. Kits install using same method as OEM parts.

Made of quality engineered, impact resistant aerospace grade plastic that won't warp or crack in service.

- Superior fit speeds installation and provides a great looking interior
- Light grey color to match OEM panels with attractive surface finish
- Cleans easily with mild detergent and water



INTERIOR TRIM KIT				
Approval	STC Number	A/C Approved		STC Description
Canada	SH08-05	AS350B/B1/B2/B3/BA/D/D1/AS355E/F/F1/F2/N/NP		Interior Trim Kit
USA	SR02557NY	AS350B/B1/B2/B3/BA/D/D1/AS355E/F/F1/F2/N/NP		Interior Trim Kit
EASA	EASA.IM.R.S.01456	AS350B/B1/B2/B3/BA/D/D1/AS355E/F/F1/F2/N/NP		Interior Trim Kit
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D350-766-011	Interior Trim Kit – Aft Bulkhead		13.2 lbs	1 hr
D350-766-013	Interior Trim Kit – Ceiling		11.0 lbs	1 hr
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-766-011	Interior Trim Kit – Aft Bulkhead	Available in grey. Includes upper & lower panels.	AS 350/AS 355	\$1,155
D350-766-013	Interior Trim Kit – Ceiling	Available in grey. Come untrimmed for compatibility with a variety of ceiling mounted modifications. Include fwd & aft panels.	AS 350	\$3,664

Rear Seat Shoulder Harness Kit

Rapid passenger loading and increased safety!

The Rear Seat Shoulder Harness Kit attaches to the aft cabin bulkhead at three locations enabling simple installation and rapid passenger loading and improved passenger safety. The lap belts are easily adjustable.

- Inertia Reels
- Increased Safety
- Simple Installation
- 30" Adjustable Lap Belt
- Meets TSO-C114 requirements



REAR SEAT SHOULDER HARNESS KIT

Approval	STC Number	A/C Approved	STC Description	
USA	SR00211SE	AS 350B/BA/B1/B2/B3/C/D/D1 /AS 355E/F/F1/F2/N	Rear Seat Shoulder Harness Kit	
Canada	SH95-39	AS 350B/BA/B1/B2/B3/D/D1 /AS 355E/F/F1/F2/N/NP	Rear Seat Shoulder Harness Kit	
EASA	EASA.IM.R.S.01412	AS 350B/BA/B1/B2/B3/C/D/D1 /AS 355E/F/F1/F2/N	Rear Seat Shoulder Harness Kit	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D350-764-011	Rear Seat Shoulder Harness Kit		16.5 lb / 7.5 kg	20 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-764-011	Rear Seat Shoulder Harness Kit	Attaches at three points, enabling simple installation, rapid passenger loading and improved passenger safety Previously Geneva p/n P131	AS 350/AS 355	\$6,946

Shoulder Harness Kits**Deluxe Rear Seat Shoulder Harness Kit**

The GenerationFX modification installs a 4 place push button quick release rear shoulder harness kit to the aft bulkhead. There are two versions of the quick release buckles and attachments, the first includes provisions for rigid seat belt buckles, including optional fittings that extend the length of these buckles to accommodate thicker seat cushions. The second uses webbed or flexible buckles for a practical utility version while still utilizing the push button quick release mechanism. Both versions, flex or rigid, use the same shoulder harness and shoulder loop attachment, inertia reels and integral belt extension stored and located beneath the rear seat bench at the floor attachment.

- **Quick release push button buckles**
- **Rigid or flex versions available**
- **Extension integral to belt assembly**
- **Upgrade kit available for previously installed Geneva kits**
- **Simplified passenger loading for quick turn times**
- **Templates included for trimming the interior panels**



Flex



Rigid



Extension



Rigid



Flex

DELUXE REAR SHOULDER HARNESS SEAT BELTS

Approval	STC Number	A/C Approval	STC Description	
Canada	SH 05-20	AS 355 E/F/F1/F2, A S350 D/B/BA/B1/B2	Deluxe Rear Shoulder Harness Seat Belts	
FAA	SR02185NY	AS 355 E/F/F1/F2, AS 350 D/B/BA/B1/B2	Deluxe Rear Shoulder Harness Seat Belts	
EASA	EASA.IM.R.S.01326	AS 355 E/F/F1/F2, AS 350 D/B/BA/B1/B2	Deluxe Rear Shoulder Harness Seat Belts	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
350FX25-001-03	Deluxe Rear Shoulder Harness Kit with Rigid Buckles (Version 2 / Configuration 1 Rigid Short)		18 Pounds	20 hrs
350FX25-001-04	Deluxe Rear Shoulder Harness Kit with Rigid Buckles (Version 2 / Configuration 1 Rigid Long)		18 Pounds	20 hrs
350FX25-001-05	Deluxe Rear Shoulder Harness Kit with Flex Buckles (Version 2 / Configuration 2 Webbed)		18 Pounds	20 hrs
350FX25-001-03a	Deluxe Rear Shoulder Harness Upgrade/Retrofit Kit with Rigid Buckles		Negligible	4 hrs
350FX25-001-05a	Deluxe Rear Shoulder Harness Upgrade/Retrofit Kit with Flex Buckles		Negligible	4 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price(USD)
350FX25-001-03	Complete Kit with Rigid Buckles	(Version 2 / Configuration 1 Rigid Short) Metal Buckle Half, Short (Regular Seat Cushion)	AS 355 E/F/F1/F2 AS 350/D/B/BA/B1/B2	\$7,250
350FX25-001-04	Complete Kit with Rigid Buckles	(Version 2 / Configuration 1 Rigid Long) Metal Buckle Half, Long (Thick Seat Cushion)	AS 355 E/F/F1/F2 AS 350/D/B/BA/B1/B2	\$7,250
350FX25-001-05	Complete Kit with Flex Buckles	(Version 2 / Configuration 2 Webbed) Web Style Regular or Thick Cushion	AS 355 E/F/F1/F2 AS 350 D/B/BA/B1/B2	\$7,250
350FX25-001-03a	Complete Upgrade/Retrofit Kit with Rigid Buckles	Upgrade/retrofit from previous Geneva install.	AS 355 E/F/F1/F2 AS 350 D/B/BA/B1/B2	Contact Sales
350FX25-001-05a	Complete Upgrade/Retrofit Kit with Flex Buckles	Upgrade/retrofit from previous Geneva install.	AS 355 E/F/F1/F2 AS 350 D/B/BA/B1/B2	Contact Sales

Dual High Back Seat

The Dual High Back Seat unlocks your helicopter's potential. You can now seat two passengers in the front left position instead of one, increasing your profitability for heli-skiing or sightseeing. Add that sixth passenger — and increase your revenue — with another cost effective product solution.

The seat can also be removed quickly, if needed. Additional Floor Provision Kits can be purchased and installed in multiple aircraft, thereby giving you the flexibility to install the seat in other aircraft.

- No passenger weight restriction
- Increase profitability
- Increase passenger capacity
- Removes and re-installs in minutes without tools
- Same weight as a single high back seat

*Now
Compatible
with Energy
Attenuating
Seats*



DUAL HIGH BACK SEAT

Approval	STC Number	A/C Approved	STC Description	
Canada	SH02-33	AS 350B/B1/B2/B3/BA/D/D1 / AS 355E/F/F1/F2	Dual High Back Seat, LH Fwd Position	
USA	SR01620NY	AS 350B/B1/B2/B3/BA/D/D1 / AS 355E/F/F1/F2/N	Dual High Back Seat, LH Fwd Position	
Brazil	2005S03-09	AS 350B/BA/B1/B2/B3 / AS 355F1/F2/N	Dual High Back Seat, LH Fwd Position	
EASA	Pending	AS 350B/BA/B1/B2/B3 / AS 355F1/F2/N	Dual High Back Seat, LH Fwd Position	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D350-689-011	Dual High Back Seat Installation		27.00 lb / 12.2 kg	8.5 hrs
D350-689-013	Floor Provisions Kit		2.00 lb / 0.9 kg	8 hrs
D350-689-015	Seat Modification Kit		2.00 lb / 0.9 kg	8 hrs
D350-689-021	Dual High Back Seat Installation - Energy Attenuating Seat Compatible		28.6 lb / 13.0 kg	8.5 hrs
D350-689-023	Floor Provisions Kit - Energy Attenuating Seat Compatible		2.50 lb / 1.1 kg	8 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-689-011	Dual High Back Seat Installation	Installs LH, comes with Floor Provisions Kit for one aircraft, cushion covers & belts are customer supplied (contact DART for belt supplier information). Not compatible with Energy Attenuating Seat. Price is per aircraft	AS 350/AS 355	\$13,230
D350-689-013	Floor Provisions Kit	One kit completes one aircraft, modifies floor to accept Dual High Back Seat. Not compatible with Energy Attenuating Seat. Price is per aircraft	AS 350/AS 355	\$3,027
D350-689-015	Seat Modification Kit	Modifies Eurocopter Seats (p/n 350A77-1080-05/0068-0202/0068-01) for compatibility with DART Dual High Back Seat Provisions Kit. Price is per aircraft	AS 350/AS 355	\$1,709
D350-689-021	Dual High Back Seat Installation - Energy Attenuating Seat Compatible	Compatible with Energy Attenuating Seat. Does not require removal of existing seat rails. Installs LH, comes with Floor Provisions Kit for one aircraft, cushion covers & belts are customer supplied (contact DART for belt supplier information). Price is per aircraft	AS 350/AS 355	\$13,230
D350-689-023	Floor Provisions Kit - Energy Attenuating Seat Compatible	Compatible with Energy Attenuating Seat. Does not require removal of existing seat rails. One kit completes one aircraft, modifies floor to accept Dual High Back Seat. Price is per aircraft	AS 350/AS 355	\$3,027

Seating**Two-Place Front Seat**

The Two-Place Front Seat is constructed of Kevlar® / fiberglass composite that has been reinforced in high-stress areas and redesigned around the collective area, protecting the flight controls from carry-on items and passengers.

Not compatible with the P123 Supplemental Avionics Console (SAC)

- **Lightweight**
- **Durable**
- **Comes with Rear Seat Modification Kit (P134)**
- **Certified to meet FAA load requirements**



Note: Kevlar® is a registered trademark of Dupont

TWO – PLACE FRONT SEAT				
Approval	STC Number	A/C Approved	STC Description	
USA	SH5120NM	AS 350B/BA/B1/B2/B3/C/D/D1/ AS 355E/F/F1/F2/N	Two-Place Front Seat	
Canada	SH93-72	AS 350B/BA/B1/B2/B3/C/D/D1/ AS 355E/F/F1/F2/N	Two-Place Front Seat	
EASA	EASA.IM.R.S.01415	AS350B/BA/B1/B2/B3/CD/D1/AS355E/F/F1/F2/N	Two-Place Front Seat	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
P119	Two - Place Front Seat		Contact Technical Support	approx. 16 Hours
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P119- LB	Low-Back Front Seat	Kevlar® / fiberglass composite seat reinforced at high-stress areas Seat installs in aircraft manufactured prior to September 1992	AS 350/AS 355	\$13,343
P119-HB	High-Back Front Seat	Kevlar® / fiberglass composite seat reinforced at high-stress areas	AS 350/AS 355	\$19,681
P119-UFS	Underfloor Structure	By installing this kit in each aircraft, an operator with multiple helicopters can transfer the seat from one aircraft to another	AS 350/AS 355	\$3,031
G10153-2	Low-Back Seat Belts	Tongue - Low-Back Seat	AS 350/AS 355	\$97
G10153-4	Low-Back Seat Belts	Buckle - Low-Back Seat	AS 350/AS 355	\$110
G10153-1	High-Back Seat Belts	Lap Belt - High-Back Seat	AS 350/AS 355	\$170
G10153-3	High-Back Seat Belts	Shoulder Harness - High-Back Seat	AS 350/AS 355	\$1,271



P119-LB and P119-HB Kits Include: P134 Rear seat modification kit, P119-UFS underfloor structure, seat cushion foam, collective area guard, shoulder harness and lap belt assemblies and all required hardware.

TWO-PLACE FRONT SEAT BELT ATTACHMENT BRACKETS				
Approval	STC Number	A/C Approved	STC Description	
Canada	SH93-72	AS 350B/BA/B1/B2/B3/C/D/D1/ AS 355E/F/F1/F2/N	Seat Belt Brackets	
USA	SH5120NM	AS 350B/BA/B1/B2/B3/C/D/D1/ AS 355E/F/F1/F2/N	Seat Belt Brackets	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
G10212-1	Seat Belt Anchor		N/A	N/A
G10213	Seat Belt Anchor		N/A	N/A
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
G10212-1	Seat Belt Anchor		AS 350/AS 355	\$628
G10213	Seat Belt Anchor		AS 350/AS 355	\$628

High-Back Pilot/Co-Pilot Seat

The High-Back Pilot Seat is a comfortable seat, which provides back support and allows you to have your harness belt available in black or custom colors. The seat is painted in standard Eurocopter beige and requires removal of the Eurocopter rails from your existing low-back or high-back pilot seat configuration. Kevlar® construction: High strength & low weight.

- **Comfort / Style**
- **2 lbs lighter than standard seats**
- **Color Options**
- **Added support**



Note: Kevlar® is a registered trademark of Dupont



HIGH - BACK PILOT/CO-PILOT SEAT

Approval	STC Number	A/C Approved	STC Description	
USA	SR00191SE	AS 350, AS 355 Series	High - Back Pilot Seat	
Canada	SH93-85	AS 350, AS 355 Series	High - Back Pilot Seat	
EASA	Pending	AS 350, AS 355 Series	High - Back Pilot Seat	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
P130	High - Back Pilot Seat		16.50 lb	Call Technical Support
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P130	High - Back Pilot Seat	Comfortable seat provides back support. Kit includes shoulder harness & lap belt. Cushions are customer supplied	AS 350/AS 355	\$10,143
G10505-1	3-point Lap Pilot Seat Belt		AS 350/AS 355	\$134
G10505-2	3-point S/H Pilot Seat Belt		AS 350/AS 355	\$1,271
G10506-1	4-point S/H Pilot Seat Belt		AS 350/AS 355	\$1,271
G10506-2	4-point Lap Pilot Buckle		AS 350/AS 355	\$259
G10506-3	4-point Lap Pilot Seat Tongue		AS 350/AS 355	\$97

Rear Bench Seat Modification Kit

Adding nearly 20% more leg room!

The Rear Seat Modification Kit creates more space in the rear seat area while maintaining passenger comfort and also moves the passengers' center of gravity Aft, benefiting nose-heavy configurations, which also aids in faster passenger loading and unloading.

- **Increased Comfort**
- **Creates added space**



REAR BENCH SEAT MODIFICATION KIT

Approval	STC Number	A/C Approved	STC Description	
USA	SH5119NM	AS 350B/BA/B1/B2/B3/C/D/D1 /AS 355E/F/F1/F2/M2/N	Rear Bench Seat Modification Kit	
Brazil	CHST 2007S06-12	AS 350B	Rear Bench Seat Modification Kit	
Brazil	CHST 2007S06-13	AS 350BA/B1/B2/B3	Rear Bench Seat Modification Kit	
Canada	SH93-76	AS 350B/BA/B1/B2/B3/C/D/D1 /AS 355E/F/F1/F2	Rear Bench Seat Modification Kit	
EASA	EASA.IM.R.S.01376	AS 350B/BA/B1/B2/B3/D /AS355E/F/F1/F2/N	Rear Bench Seat Modification Kit	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
P134	Rear Bench Seat Modification Kit			approx. 12 Hours
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P134	Rear Bench Seat Modification Kit	Faster passenger loading. Creates more space in the rear seat area while maintaining passenger comfort	AS 350/AS 355	\$2,536

Stretcher Kit**Emergency Stretcher Kit**

The emergency stretcher kit is designed for quick evacuation with non-dedicated EMS aircraft. Four fast and simple steps are all that are needed to transform your aircraft for emergency evacuation:

1. Back seat is folded
2. Front seat is removed
3. Tie down brackets are inserted into the doublers using Pip Pins
4. The stretcher is inserted into the brackets using the easy slide-in locking mechanism

The changeover from utility to emergency evacuation use takes less than five minutes. This system is ideal for police use, heli-skiing, and servicing remote areas. The complete kit stores in the cargo compartment, leaving the cabin floor free of brackets, so it doesn't interfere with your normal operations.

Additional deck plate and tie down kits can be purchased and installed in multiple aircraft, thereby giving you the flexibility to install the stretcher in other aircrafts.



- **Military**
- **Police**
- **Skiing**
- **Rescue**
- **Medical evacuation**
- **Remote heli operations**
- **Compatible with sliding door**
- **Compatible with Geneva console**

EMERGENCY STRETCHER KIT

Approval	STC Number	A/C Approved	STC Description	
Canada	SH96-10	AS 350B/B1/B2/B3/BA/C/D/D1/AS 355E/F/F1/F2	Emergency Litter Kit Installation	
USA	SR00405NY	AS 350B/B1/B2/B3/BA/C/D/D1/AS 355E/F/F1/F2/N	Emergency Litter Kit Installation	
Denmark	27/96	AS 350B/B1/B2/BA/C/D/D1	Emergency Litter Kit Installation	
Denmark	28/96	AS 355E/F/F1/F2	Emergency Litter Kit Installation	
France	84-SI0995	AS 350B/B1/B2/B3/BA/D	Emergency Litter Kit Installation	
France	168-SI0996	AS 355E/F/F1/F2	Emergency Litter Kit Installation	
UK	28097	AS 355F/F1/F2/N	Emergency Litter Kit Installation	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D350-616-011	Full Emergency Litter Kit		31.3 lb / 14.19 kg	12 hrs
D350-616-013	Deck Plate & Tie Down Kit		6.3 lb / 2.86 kg	11.5 hrs
D350-616-015	Deck Plate Kit		2.8 lb / 1.27 kg	11 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-616-011	Full Emergency Litter Kit	One kit completes one aircraft, includes litter, tie down brackets & deck plate kit and pedal stub cover. Available service instruction for sliding door compatibility. Price is per aircraft	AS 350/AS 355	\$7,998
D350-616-013	Deck Plate & Tie Down Kit	One kit completes one aircraft, includes tie down brackets & deck plates to modify floor to accept brackets & litter. Price is per aircraft	AS 350/AS 355	\$2,876
D350-616-015	Deck Plate Kit	One kit completes one aircraft, includes deck plates to modify floor to accept brackets & litter. Price is per aircraft	AS 350/AS 355	\$1,190

Dual Controls

The Dual Controls are a simple installation to the co-pilot's position that provides the operator options depending on the mission. The wires from the cyclic stick connect to the aircraft's existing cannon plug.

Manufactured from stainless steel, the dual controls have been designed with an offset to allow for additional clearance on the Geneva console.

- For older model aircraft
- Approved for Bendex grip



DUAL CONTROLS				
Approval	STC Number	A/C Approved	STC Description	
USA	SH4786NM	AS 350	Dual Controls	
Canada	SH93-73	AS 350 Series	Dual Controls	
EASA	EASA.IM.R.S.01414	AS 350 Series	Dual Controls	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
P111-P	Pilot Cyclic Grip Kit		0.48 lb / 0.22 kg	Contact Technical Support
P111-C	Co-Pilot Cyclic Grip Kit		0.49 lb / 0.22 kg	Contact Technical Support
P107-B	Co-Pilot Stick Kit		5.73 lb / 2.60 kg	Contact Technical Support
P107-C	Co-Pilot Stick Kit & Co-Pilot Grip		6.22 lb / 2.83 kg	Contact Technical Support
P107-D	Pilot & Co-Pilot Cyclic Grip with Co-Pilots Stick Kit		6.70 lb / 3.05 kg	Contact Technical Support
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P111-P	Pilot Cyclic Grip Kit		AS 350	\$1,150
P111-C	Co-Pilot Cyclic Grip Kit		AS 350	\$1,150
P107-B	Co-Pilot Stick Kit		AS 350	\$6,345
P107-C	Co-Pilot Stick Kit & Co-Pilot Grip		AS 350	\$8,080
P107-D	Pilot & Co-Pilot Cyclic Grip with Co-Pilots Stick Kit		AS 350	\$8,345

Dome Light / Air Vent Assembly**Dome Light / Air Vent Assembly**

Increase cabin air flow and lighting with a system that is more reliable than factory original. The Dome Light / Air Vent Assembly has swiveling and adjustable lights with air vents that are larger (1.25" opening) allowing more air flow capacity. A highly durable light dimmer that provides greater reliability than standard factory units. It is quick and simple to install with existing hardware. Made from high quality components, the Dome Light / Air Vent Assembly is one product which you can not go wrong with.

**P112-XL****P112-X****P112-S****DOMELIGHT / AIR VENT ASSEMBLY**

Approval	STC Number	A/C Approved	STC Description	
USA	SH4785NM	AS 350 Series	Dome Light / Air Vent Assembly	
Canada	SH93-82	AS 350 Series	Dome Light / Air Vent Assembly	
EASA	EASA.IM.R.S.01414	AS 350B/B1/B2/B3/BA/D	Dome Light / Air Vent Assembly	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
P112	Dome Light / Air Vent Assembly		approx. 1.5 lb	2 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P112-S	Dome Light / Air Vent Assembly Aft	Replaces Eurocopter PN 350A72-0315-02 / -03	AS 350	\$2,410
P112-L	Dome Light / Air Vent Assembly Fwd	Replaces Eurocopter PN 350A08-4126-0601 and 350A08-4126-0701	AS 350	\$2,410
P112-X	Dome Light / Air Vent Assembly Aft	Replaces newer model Aft airvents Eurocopter PN 350A72-0317-04	AS 350B2	\$2,525
P112-XL	Dome Light / Air Vent Assembly Fwd	Replaces newer model Fwd airvents Eurocopter PN 350A72-0317-05	AS 350B2	\$2,525

Performance Upgrade

Rolls-Royce 250-C20R Engine Conversion for AS 355F1 and AS 355F2

This GenerationFX upgrade includes installation of two Rolls Royce 250-C20R engines, push pull governor trim cables, enlarged cord tail rotor blades, and a tail boom strake. These modifications result in major enhancements to Eurocopter AS 355 aircraft, improving responsiveness, low speed performance, hover performance, hot-high performance all with increased engine margins and reduced fuel consumption.

GenerationFX C20R engine conversion kit for AS 355 F1/F2 includes:

C20R engine inlets and scroll balance kit
 C20R engine wiring harness kit
 C20R engine control and trim cable kit
 C20R structure reinforcement kit
 AS 355N engine oil system lines and bypass valve kit
 AS 355N engine mount kit
 Tailboom strake kit
 Miscellaneous hardware, fittings, seals and lines

*Approved by
Rolls Royce*

**Items and options to be procured separately as required:**

Rolls-Royce 250-C20R Powerplants - Heli-Lynx
 GenerationFX AS 355 De-Icing and Debris Fuel Filters - DART
 GenerationFX AS 355 Engine Scavenge Oil Filters - DART
 AS 355 Auto Relight System - Eurocopter
 AS 355N Enlarged Cord Tail Rotor - Eurocopter
 AS 355N Tail Rotor Accumulator w / SM provisions - Eurocopter

**RR 250-C20R ENGINE CONVERSION WITH ENLARGED TR**

Approval	STC Number	A/C Approval	STC Description	
Canada	SH04-58	AS 355/F1/F2	RR 250-C20R Engine Conversion with Enlarged TR	
USA	SR02082NY	AS 355/F1/F2	RR 250-C20R Engine Conversion with Enlarged TR	
EASA	Pending	AS 355/F1/F2	RR 250-C20R Engine Conversion with Enlarged TR	
Part Number	Product Description	Kit Weight		Installation Time
355FX71-001-01	RR 250-C20R Engine Conversion with Enlarged TR	Contact Sales		Contact Sales
Part Number	Product Description	Special Comments		Price(USD)
355FX71-001-01	RR 250-C20R Engine Conversion with Enlarged TR	AS 355/F1/F2		Contact Sales

Maintenance Made Easy

Dual Tachometer Indicator

Now available for operators of the AS350BA installed with the Turbomeca Arriel 1B engine, is a dual tachometer indicator for Nr (rotor) and Np (free turbine) to replace the single rotor only indicator. Customers that have installed the Np tachometer generator on the engine gear box for the AKV Ng/Np cycle counter can now display the Np speed in addition to Nr. This indicator is also a direct replacement for the AS350B1 and B2 (Non-VEMD) dual indicator.

- Np (free turbine) and Nr speeds
- Face plate design as with the current AS350B2



DUAL TACHOMETER INDICATOR				
Approval	STC Number	A/C Approved	STC Description	
USA	SR02176LA	AS350BA/B1/B2 (non-VEMD)	Dual Tachometer Indicator	
Canada	Pending	AS350BA/B1/B2 (non-VEMD)	Dual Tachometer Indicator	
EASA	Pending	AS350BA/B1/B2 (non-VEMD)	Dual Tachometer Indicator	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
AS350DT-608-10014	Dual Tachometer Indicator		2.3 Lb max	3-4 Hrs (AS350BA) 0.5 Hr (AS350B1 & B2)
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
AS350DT-608-10014	Dual Tachometer Indicator		AS350BA/B1/B2 (non-VEMD)	\$5,975



Ng/Np Engine Cycle Counter

The most affordable turbine engine cycle counter for Ng (Gas Producer) and Np (Free Turbine) in the industry. Designed to comply with the latest manufacturer cycle counting requirements for the Turbomeca Arriel 1 engines, Honeywell LTS101-600 series engines and the Honeywell LTS101-700D-2 engines.

- Reduced operating costs
- Increased engine cycle life
- High accuracy
- Field programmable
- Easy installation
- DHS can supply the Np Tachometer Generator Kit



NG/NP CYCLE COUNTER				
Approval	STC Number	A/C Approved	STC Description	
USA	SR01452LA	AS 350B/BA/B1/B2 (VEMD)	Ng Cycle Counter	
USA	SR01958LA	AS 350B2	Ng/Np Cycle Counter	
USA	SR01957LA	AS 350D/B/BA	Ng/Np Cycle Counter	
Canada	P-04-0068	AS350B/BA/B1/B2 (VEMD)	Ng Cycle Counter	
Canada	P-07-0246	AS 350B2	Ng/Np Cycle Counter	
Canada	P-07-0245	AS 350D/B/BA	Ng/Np Cycle Counter	
EASA	EASA.IM.R.S.00292	AS350B/BA/B1/B2 (VEMD)	Ng Cycle Counter	
EASA	EASA.IM.R.S.01474	AS 350B2	Ng/Np Cycle Counter	
EASA	Pending	AS 350D/B/BA	Ng/Np Cycle Counter	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
350NGTEC	Ng/Np Cycle Counter		< 1 Lb	3-4 Hours
350NGLTSB2	Ng/Np Cycle Counter		< 1 Lb	3-4 Hours
350NGLTSD	Ng/Np Cycle Counter		< 1 Lb	3-4 Hours
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
350NGTEC	Ng/Np Cycle Counter		AS 350B/BA/B1/ B2 (VEMD)	\$4,025
350NGLTSB2	Ng/Np Cycle Counter		AS 350B2	\$4,390
350NGLTSD	Na/Np Cycle Counter		AS 350D/B/BA	\$4,390

NEW!

Maintenance Made Easy**Inlet Barrier Filters - AFS****Product Description:**

Introducing a new AFS Eurocopter AS 350 (AS 350B/BA/B1/B2/B3 and Soloy D/SD/SD2) Inlet Barrier Filter (IBF) system with an innovative, lightweight and simple to install design approach which literally allows fit up with the engine cowling. The design of the system allows quick and simple installation without reworking the existing cowling. The canted flat filter is designed to perform with ultimate efficiency in all flight regimes. A self contained bypass system is provided with a cockpit annunciation and activation switch along with a Filter Maintenance Aid (FMA) for on condition monitoring of filter condition. The significant amount of filter area allows cleaning service cycles as long as 300 hours (service life is a function of the operating environment) and no performance chart restrictions. A rugged flat filter assembly with captive fasteners can be removed and replaced in 5 minutes. An Aft facing bypass door ensures that dirt and snow do not enter the inlet and allows flight in all environment conditions without restrictions. The AFS IBF uses 95% common components for any AFS AS 350 model including the Soloy Super D, Heli-Lynx and other Honeywell conversions. Therefore, you don't have to worry about costly add-ons or a different IBF system for your mixed Turbomeca or Honeywell powered fleet. The AFS IBF system provides dust, sand, and dirt separation efficiencies exceeding 99% to insure your engine has the maximum protection possible.

Features:

The system offers a significant improvement over the existing Sand Filter, Engine Air Particle Separator (EAPS), FOD screen or alternate inlet barrier filters. The assembly is self contained and structurally integrated into the top of the existing manufacturer's inlet cowling. Original mount provisions for the FOD screen are used to support the IBF including its bypass system. Cockpit annunciation of a bypass condition is provided in a self contained switch also used to activate the bypass actuator. The single filter assembly is reusable with 4,500 hour life based on 15, 300-hr service cycle intervals. An integral FMA is standard allowing on condition assessment of filter contamination level. Visual access to the bypass system, components and FMA is easily obtained through the bypass door and sight glass. Performance improvements in the aircraft yield up to 20 degrees more MGT margin compared to an inertial separator, and a greater margin of safety when and where you need it. No flight restrictions exist for operation in falling or blowing snow or activation of the bypass system. AS 350 performance can be achieved utilizing the basic inlet charts, see approved FAA Flight Manual Supplement (FMS).

**Benefits:**

- **Proven technology with over 1,000,000 flight hours**
- **Lowest life cycle costs over alternate systems / Up to 3 times the filter life**
- **Maximum engine protection with improved engine performance**
- **Improved engine inlet plenum access**
- **Reduced engine maintenance**
- **Filter Maintenance Aid (FMA) for on-condition filter assessment**
- **Longer filter life than alternative filter systems**
- **Non-intrusive cockpit installation with minimal aircraft modifications**
- **Common components with other AFS certified systems**
- **Long lasting, flat filter assembly for easy cleaning**
- **Environmental cover included**

INLET BARRIER FILTER

Approval	STC Number	A/C Approved	STC Description	
Canada	SH07-55	AS 350B/BA/B1/B2/B3	Inlet Barrier Filter	
Canada	SH07-55	AS 350B/B1/B2/BA	Inlet Barrier Filter with Honeywell engine mod	
USA	SR02393CH	AS 350B/B1/B2/BA/B3	Inlet Barrier Filter	
USA	SR02393CH	AS 350B/B1/B2/BA	Inlet Barrier Filter with Honeywell engine mod	
EASA	Pending	AS 350B/B1/B2/BA/B3	Inlet Barrier Filter	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
112005-101	AFS AS 350 Barrier Filter Kit, Arriel configuration		20.59 lb (+1.49 lb installed)	40 Man Hours
112005-103	AFS AS 350 Barrier Filter Kit, Honeywell configuration			
112300-103	Filter Assembly, Spare			
112800-101	AFS AS 350 IBF Kit Cover			
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
112005-101	AFS AS 350 Barrier Filter Kit, Ariel configuration with cover	Replaces Sand Filter or alternate vendor barrier filter.	AS 350	\$26,550
112005-103	AFS AS 350 Barrier Filter Kit, Honeywell Configuration with cover		AS 350	\$26,550
112300-103	Filter Assembly, Spare		AS 350	\$4,550
100800-101	Service Kit	Kit includes 1 gal AFS oil and cleaner, 16oz applicator bottle with spout, cleaner/degreaser sprayer, seamer pliers	All	\$530

Note: See page 309 for AS350B3 with Dual Hydraulics.

LTS101 Scavenge Oil Filter with Chip Plug

This GenerationFX design change incorporates the full flow ADC Oil Filter unit in the LTS101 scavenge oil circuit and features a cleanable 16 micron stainless steel wafer filter, filter bypass with caution light and engine chip warning. This modification includes the replacement of all OEM standard to metric fittings, metric banjo assemblies, seals and engine oil lines with standard AN fittings, MS seals and stainless steel braided oil lines. Included additionally to complete the engine oil system is a new oil tank block and a new stainless steel braided oil feed line from the oil tank to oil pump with all associated fittings.

- **Approved for use with all LTS101 Installations**
- **Replaces all OEM Lines, Fittings and Seals**
- **Now compatible with new Honeywell RSBH**
- **On Condition Stainless Steel Braided Oil Lines**
- **On Condition Stainless Steel Cleanable Wafer Filter**



LTS101 SCAVENGE OIL FILTER WITH CHIP PLUG

Approval	STC Number	A/C Approval	STC Description	
Canada	SH 07-32	AS 350 D/BA/B2 (LTS101)	LTS101 Scavenge Oil Filter with Chip Plug	
FAA	SR02486NY	AS 350 D/BA/B2 (LTS101)	LTS101 Scavenge Oil Filter with Chip Plug	
EASA	Pending	AS 350 D/BA/B2 (LTS101)	LTS101 Scavenge Oil Filter with Chip Plug	
Part Number	Product Description		Kit Weight	Installation Time
350FX79-002-01	1 Kit - 1 Aircraft - 1 Filter		11.6 Pounds	4 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price(USD)
350FX79-002-01	1 Kit - 1 Aircraft		AS 350 D/BA/B2 (LTS101)	\$6,563

RR C20F and C20R Scavenge Oil Filters

A GenerationFX design change is introduced to the lubrication system by adding a Facet oil filter to each engine's scavenge oil circuit between the engine outlet and the oil cooler thermo bypass valve. In addition to the filter, the installation also includes structural mounting provisions and modified oil line circuitry. The new oil filter is secured to studs on the side of the combiner gearbox. The oil filter has a normal 10 micron filter element and a pop out by pass indicator which provides impending by pass warning. This additional filter supplements the engine filter element which, is already part of each engine's oil system, with a higher level of filtration than is currently available on the standard AS355 Allison 250-C20F engine installation.



- **Compliant with Rolls-Royce C20 installation manuals**
- **On condition stainless steel braided oil lines**
- **200 hour disposable 10 micron filter**

RR C20F AND C20R SCAVENGE OIL FILTER

Approval	STC Number	A/C Approval	STC Description	
Canada	SH 05-19	AS 355 E/F/F1/F2	RR C20F and C20R Scavenge Oil Filters	
FAA	SR02180NY	AS 355 E/F/F1/F2	RR C20F and C20R Scavenge Oil Filters	
EASA	Pending	AS 355 E/F/F1/F2	RR C20F and C20R Scavenge Oil Filters	
Part Number	Product Description		Kit Weight	Installation Time
355FX79-001-01	1 Kit - 1 Aircraft - 2 Filters		13 Pounds	6 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price(USD)
355FX79-001-01	1 Kit - 1 Aircraft	One kit includes filters for two engines	AS 355 E/F/F1/F2	\$8,138

Maintenance Made Easy**AS 350 De-Icing & Debris Fuel Filter**

This GenerationFX modification adds an airframe mounted de-icing and debris fuel filter to the fuel feed line between the fuel tank and engine, upstream of the existing debris fuel filter. Features a removable bowl and a filter drain with a 10 micron disposable fuel filter element.

The assembly includes a pressure switch to signal impending bypass of the fuel filter. When activated, the switch illuminates a new AF FUEL FILT annunciator indication on the cockpit instrument panel.



- Specifically designed and approved for the LTS101 Series engines
- Eliminates the need for anti-ice additives in fuel below 5°C

AS 350 DE-ICING & DEBRIS FUEL FILTER

Approval	STC Number	A/C Approval	STC Description	
Canada	SH 07-31	AS 350 D/BA/B2 (LTS101)	AS 350 De-icing & Debris Fuel Filter	
FAA	Pending	AS 350 D/BA/B2 (LTS101)	AS 350 De-icing & Debris Fuel Filter	
EASA	Pending	AS 350 D/BA/B2 (LTS101)	AS 350 De-icing & Debris Fuel Filter	
Part Number	Product Description		Kit Weight	Installation Time
350FX28-001-01	1 Kit - 1 Aircraft - 1 Filter		7.5 Pounds	4-6 Hours
Part Number	Product Description	Special Comments	Aircraft Model	Price(USD)
350FX28-001-01	1 Kit - 1 Aircraft		AS 350 D/BA/B2	\$5,618

AS 355 De-Icing & Debris Fuel Filter

This GenerationFX modification adds two airframe mounted de-icing and debris fuel filters to the fuel feed line between the fuel tank and engine. Features a removable bowl and a filter drain with a 10 micron disposable fuel filter element.

The assembly includes a pressure switch to signal impending bypass of the fuel filter. When activated, the switch illuminates two new AF FUEL FILT annunciator indications on the cockpit instrument panel.



- Provides the increased protection needed upstream of the engine equipped fuel filter
- Eliminates the need for anti-ice additives in fuel below 5°C

AS 355 DE-ICING AND DEBRIS FUEL FILTER

Approval	STC Number	A/C Approval	STC Description	
Canada	SH 05-40	AS 355 E/F/F1/F2 (RR 250-C20F and C20R)	AS 355 De-icing & Debris Fuel Filter	
FAA	SR02232NY	AS 355 E/F/F1/F2 (RR 250-C20F and C20R)	AS 355 De-icing & Debris Fuel Filter	
EASA	EASA.IM.R.S.01184	AS 355 E/F/F1/F2 (RR 250-C20F and C20R)	AS 355 De-icing & Debris Fuel Filter	
Part Number	Product Description		Kit Weight	Installation Time
355FX28-001-01	1 Kit - 1 Aircraft - 2 Filters		14.9 Pounds	4-6 Hours
Part Number	Product Description	Special Comments	Aircraft Model	Price(USD)
355FX28-001-01	1 Kit - 1 Aircraft	One kit includes filters for two engines	AS 355 E/F/F1/F2	\$9,995

AS 355 Push-Pull Governor Control Cables

This GenerationFX design change replaces the existing OEM LH and RH engine governor Bowden-type control cables and spring arrangement with high quality aerospace push-pull control cables. The new cable installation uses the existing cable supports and maintains the same functionality as the original configuration without the constant engine rigging and cable maintenance. The new sealed cables prevent debris and moisture contamination, which during normal operations with the OEM installation can lead to increased resistance within the cable that cannot be overcome quickly by the spring. In cold weather operations accumulated moisture can freeze and cause dramatic effects in flight. The new cables also ensure immediate engine response even as your governors age and the governor arm resistance increases requiring additional force to actuate, resulting in slow sluggish engine response.

- **Environmentally sealed push pull cables**
- **Dramatic reduction in engine rigging maintenance**
- **Quick install with instant results**
- **Immediate engine response from collective input**
- **Eliminates OEM Bowden cables and springs**



AS 355 PUSH-PULL GOVERNOR CONTROL CABLES

Approval	STC Number	A/C Approval	STC Description	
Canada	SH 05-8	AS 355 E/F/F1/F2 (RR C20F and C20R)	AS 355 Push-Pull Governor Control Cables	
FAA	SR02174NY	AS 355 E/F/F1/F2 (RR C20F and C20R)	AS 355 Push-Pull Governor Control Cables	
EASA	EASA.IM.R.S.01078	AS 355 E/F/F1/F2 (RR C20F and C20R)	AS 355 Push-Pull Governor Control Cables	
Part Number	Product Description		Kit Weight	Installation Time
355FX76-001-01	1 Kit - 1 Aircraft - 2 Control Cables		Negligible	4 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price(USD)
355FX76-001-01	1 Kit - 1 Aircraft	One kit includes control cables for two engines	AS 355 E/F/F1/F2	\$3,413

Maintenance Made Easy**LTS101 Stainless Steel Gearbox Vent Tube**

This GenerationFX design change replaces the original LTS101 gearbox polyamide hose overboard vent arrangement with a rigid stainless steel tube venting aft into the exhaust nozzle. After discharge from the engine gearbox, unseparated oil accumulates in the sharp vertical rise of the tube and flows back into the gearbox allowing separated gasses to continue aft and vent into the heated exhaust path at the end of the nozzle.

- **Quick and easy installation with instant results**
- **Prevents overboard venting of unseparated gearbox oil**
- **Eliminates OEM calendar life polyamide hoses**
- **Re-routes airframe oil reservoir vent line**
- **Available for short or long exhaust nozzles**

**LTS101 STAINLESS STEEL GEARBOX VENT TUBE**

Approval	STC Number	A/C Approval	STC Description	
Canada	SH 04-4	AS 350 D/BA/B2 (LTS101 Series)	LTS101 Gearbox Vent Tube	
FAA	Pending	AS 350 D/BA/B2 (LTS101 Series)	LTS101 Gearbox Vent Tube	
EASA	Pending	AS 350 D/BA/B2 (LTS101 Series)	LTS101 Gearbox Vent Tube	
Part Number	Product Description		Kit Weight	Installation Time
350FX79-001-01	1 Kit - 1 Aircraft - Short Exhaust Nozzle		1.4 Pounds	2 Hours
Part Number	Product Description	Special Comments	Aircraft Model	Price(USD)
350FX79-001-01	1 Kit - 1 Aircraft	Compatible with Long and Short Nozzle	AS 350 D/BA/B2 (LTS101)	\$1,995

Aft Door Assembly & Hinge Modification Kit

The Aft Door Hinge Modification Kit creates a forward hinging door for improved security in flight & longer door life. In addition to the dual latching mechanism, the gas spring helps maintain the closed position. Available separately or as part of an Aft Door Assembly.



AFT DOOR ASSEMBLY & HINGE MODIFICATION KIT

Approval	STC Number	A/C Approved	STC Description	
Canada	SH92-41	AS 350B/B1/B2/B3/BA/D/D1/ AS 355E/F/F1/F2	Side & Aft Door Security Modifications	
USA	SH1012NE	AS 350B/B1/B2/B3/BA/D/D1/ AS 355E/F/F1/F2/N	Side & Aft Door Security Modifications	
Austria	ACG.21NE2.093	AS 350B/B1/B2/B3/BA/AS 355F/F1/F2	Side & Aft Door Security Modifications	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D350-588-041	Aft Door Assembly		2.00 lb / 0.91 kg net weight increase	4 hrs
D350-588-011	Aft Door Fwd Hinge Modification Kit		1.00 lb / 0.45 kg	8 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-588-041	Aft Door Assembly	Comes with Aft Door Fwd Hinge Mod Kit installed	AS 350/AS 355	\$4,262
D350-588-011	Aft Door Fwd Hinge Modification Kit	Modifies existing door to hinge forward, adds 2 key locking latches, new hinges & gas spring	AS 350/AS 355	\$1,329

Side Door Assembly & Latch Modification Kit



The Side Door Latch Modification Kit provides three locking latches – two on the forward corner, one on the Aft for added security. This configuration reduces door fatigue that often results in costly repairs that add weight. Available separately or as part of a Side Door Assembly.

SIDE DOOR ASSEMBLY & LATCH MODIFICATION KIT

Approval	STC Number	A/C Approved	STC Description	
Canada	SH92-41	AS 350B/B1/B2/B3/BA/D/D1/ AS 355E/F/F1/F2	Side & Aft Door Security Modifications	
USA	SH1012NE	AS 350B/B1/B2/B3/BA/D/D1/ AS 355E/F/F1/F2/N	Side & Aft Door Security Modifications	
Austria	ACG.21NE2.093	AS 350B/B1/B2/B3/BA/AS 355F/F1/F2	Side & Aft Door Security Modifications	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description	Kit Weight		Installation Time
D350-589-041	Side Door Assembly - LH	0.00 lb / 0.00 kg net weight increase		4 hrs
D350-589-042	Side Door Assembly - RH	0.00 lb / 0.00 kg net weight increase		4 hrs
D350-589-011	Side Door Latch Modification	0.31 lb / 0.14 kg net weight increase		8 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-589-041	Side Door Assembly - LH	Comes with Latch Mod Kit installed. Price is per side	AS 350	\$5,464
D350-589-042	Side Door Assembly - RH	Comes with Latch Mod Kit installed. Price is per side	AS 350/AS 355	\$5,464
D350-589-011	Side Door Latch Modification	Adds 3 key locking latches, 2 on Fwd & 1 on Aft end of the existing door. One kit modifies one door. Price is per side	AS 350/AS 355	\$659

Maintenance Made Easy**Replacement Lower Forward**

We have designed a Fwd replacement fuselage panel for installation on Eurocopter AS 350/355 Series Helicopters. The Eurocopter panels often show signs of deterioration and moisture damage after years of service. Our panels use high strength carbon fiber and a closed cell foam core to improve the service life and resistance to in-service damage. The panels include ground plane improvement to allow antenna mounting. There are no markings for equipment option location, but the core is absent for ease of installation. Additionally, our panels have been designed for easier removal and are less susceptible to damage from the latches.

REPLACEMENT LOWER FORWARD FUSELAGE PANELS

Approval	STC Number	A/C Approved	STC Description	
USA	SR02065LA	AS 350B/B1/B2/B3/BA/C/D/D1/AS 355E/F/F1/F2/N	Replacement Lower Fwd Fuselage Panel	
Canada	P-08-0071	AS 350B/B1/B2/B3/BA/C/D/D1/AS 355E/F/F1/F2/N	Replacement Lower Fwd Fuselage Panel	
EASA	Pending	AS 350B/B1/B2/B3/BA/C/D/D1/AS 355E/F/F1/F2/N	Replacement Lower Fwd Fuselage Panel	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
644.9701	Replacement Fuselage Panel- Lower Fwd		11.5 lbs	3 hr
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
644.9701	Replacement Fuselage Panel - Lower Forward Clearcoat	Replaces 350A21-0040-00	AS 350/AS 355	\$7,508
644.9702	Replacement Fuselage Panel - Lower Forward Primed	Replaces 350A21-0040-00	AS 350/AS 355	\$6,983

Replacement Transmission Cowling

Extra durability at a fraction of the factory original's cost.

These Transmission Cowlings are fabricated from high-strength fiberglass composite and reinforced in specific areas of high-stress to prevent cracking. Uses existing hardware for installation. Comparable weight to factory original, though, unlike the original, its foam core is resistant to alkaline.

- **Durable**
- **Affordable**

**TRANSMISSION COWLING**

Approval	STC Number	A/C Approved	STC Description	
USA	SH4776NM	AS 350 Series	Transmission Cowling Panel	
Canada	SH91-1	AS 350B/BA/B1/B2/C/D/D1	Transmission Cowling Panel	
EASA	Pending	AS 350 Series	Transmission Cowling Panel	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
P108	Transmission Cowling Panel		approx. 7.00 lb	Contact Technical Support
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P108-R	Right Side Cowling	Same weight as factory original, but stronger. Primed finish.	AS 350	\$4,433
P108-L	Left Side Cowling	Same weight as factory original, but stronger. Primed finish.	AS 350	\$4,433

Lead-Acid Battery Conversion Kit

The Lead-Acid Battery Conversion Kit is simple and easy to maintain; just add water periodically. With this system there is no need for a spare back-up battery. This kit is disposable and inexpensive to replace and it clearly indicates when the battery life is diminishing.



LEAD - ACID BATTERY CONVERSION KIT

Approval	STC Number	A/C Approved	STC Description	
USA	SH4971NM	AS 350B/BA/B1/B2/C/D/D1	Lead - Acid Battery Conversion Kit	
Canada	SH93-79	AS 350 SERIES	Lead - Acid Battery Conversion Kit	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
P115	Lead - Acid Battery Conversion Kit		approx. 42 - 45 lb	Contact Technical Support
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P115	Lead - Acid Battery Conversion Kit	Simple, inexpensive maintenance – just add water periodically. Spare back-up battery not necessary. Disposable, inexpensive to replace	AS 350	\$2,893

Battery is not included
Gill Battery recommended

AS 355 Single and Dual Concorde Sealed Lead Acid Batteries

This GenerationFX modification to the AS 355 replaces the existing single or dual Nicad batteries with one or two Concorde RG355 valve regulated lead-acid batteries. The modification includes also the option of adding a second battery to an existing single Concorde RG355 lead acid battery installation with a dual battery kit supplied relay and the associated wiring.

- **Single or dual Concorde sealed lead acid batteries**
- **Effective for cold weather operations**
- **Quick and simple installation**

*AS 350 Kit
approval
pending*



AS 355 SINGLE AND DUAL CONCORDE SEALED LEAD ACID BATTERIES

Approval	STC Number	A/C Approval	STC Description	
Canada	SH 05-41	AS 355 E/F/F1/F2	Single and Dual Concorde Lead Acid Batteries	
FAA	SR02281NY	AS 355 E/F/F1/F2	Single and Dual Concorde Lead Acid Batteries	
EASA	EASA.IM.R.S.01183	AS 355 E/F/F1/F2	Single and Dual Concorde Lead Acid Batteries	
Part Number	Product Description	Kit Weight	Installation Time	
355FX24-001-01	Single Battery Installation Kit - 1 Aircraft	Negligible	1 hr	
355FX24-001-02	Dual Battery Installation Kit - 1 Aircraft	3.3 pounds	2 hrs	
Part Number	Product Description	Special Comments	Aircraft Model	Price(USD)
355FX24-001-01	1 Kit - 1 Aircraft	Single battery installation kit, battery not included	AS 355 E/F/F1/F2	\$1,050
355FX24-001-02	1 Kit - 1 Aircraft	Dual battery installation kit, batteries not included	AS 355 E/F/F1/F2	\$1,838

Misc.**Covers & Socks**

- Available in yellow or red

EXHAUST, PITOT AND INLET COVERS

Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
OHSS-355A92-5000	Cover Set	One kit completes one aircraft. Price is per aircraft	AS 355	\$938
OHSS-206-212-355-S76	Pitot Cover	1 per aircraft	AS 355	\$67
OHSS-355A92-5840-01	LH Inlet Cover	1 per aircraft	AS 355	\$353
OHSS-355A92-5840-02	RH Inlet Cover	1 per aircraft	AS 355	\$353
OHSS-355A92-5440-00	Exhaust Cover	1 per aircraft	AS 355	\$321

MAIN ROTOR BLADE SOCKS

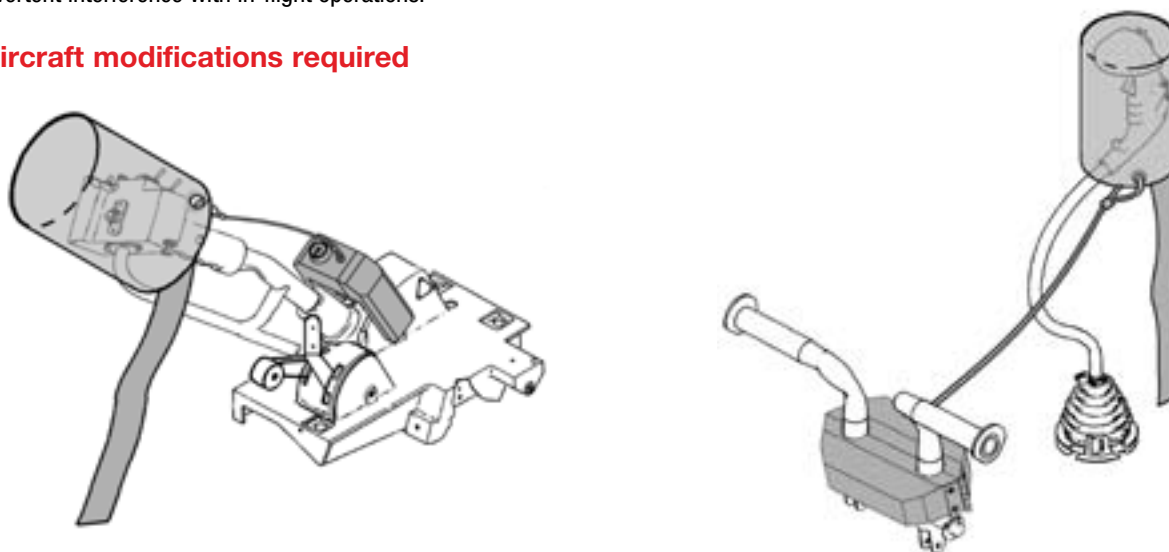
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
AS 355 M/R	Blade Sock	Blade sock only, straps not included. Price is per blade	AS 355	\$100

Aircraft Disabling Kit

The Disabling Kit can be used to physically secure and disable the aircraft via a dual-lock method whenever the aircraft is unattended. This method of securing the aircraft was developed for the safety of personnel and the environment.

Methods of removing these disabling and locking devices can be incorporated into the pre-flight checklist to prevent accidental damage to the aircraft and inadvertent interference with in-flight operations.

- No aircraft modifications required

**AIRCRAFT DISABLING KIT**

Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D350-740-011	Aircraft Disabling Device Kit	Kit consists of tail rotor pedal lock and collective lock. Kit requires no aircraft modification. Price is for both kits.	AS 350	\$890
D3371-041	Tail Rotor Pedal Lock	One piece hinged tail rotor pedal immobilizer. Cyclic sock reminds pilot to remove kit prior to flight.	AS 350	Contact Sales
D3372-041	Collective Lock	Secures aircraft's collective control stick. Collective sock reminds pilot to remove kit prior to flight.	AS 350	Contact Sales
D355-740-013	Aircraft Disabling Device Kit	Kit consists of tail rotor pedal lock and collective lock. Kit requires no aircraft modification. Price is for both kits.	AS 355	\$890
D3371-041	Tail Rotor Pedal Lock	One piece hinged tail rotor pedal immobilizer. Cyclic sock reminds pilot to remove kit prior to flight.	AS 355	Contact Sales
D3400-041	Collective Lock	Secures aircraft's collective control stick. Collective sock reminds pilot to remove kit prior to flight.	AS 355	Contact Sales

EUROCOPTER EC 120/130/135

*New and featured accessories for
Eurocopter EC 120/130/135 Helicopters*

- Emergency Float System with and without Liferrafts
- Round-I-Beam™ Skid tubes with Full Length Steel Wearplates
- Bearpaws
- Heli-Utility Basket™
- Auxiliary 40 gallon Side Locker Fuel Tank
- EC 130 Spacepod™
- EC 130 Hinge Modification Kit



For more information or to place an order, contact:
DART Helicopter Services at 1-800-556-4166 or 1-613-632-3336 or visit:
www.DARThelicopterservices.com

Cylindrical Emergency Float System



The Eurocopter EC 120B Emergency Float System is the only float system certified for take off after water landing for the Eurocopter EC 120. The system is compatible with ground handling wheels and the float bags can be removed within a matter of minutes. The mechanical valve system has no squibs or electrical requirements. The cylinder valve assemblies and floats are available as exchange items, thereby reducing maintenance and down time. All float chambers come standard with field replaceable pressure relief valves and inflation valves. The float bags are on-condition and do not have to be returned to the factory for recertification. Factory recertification of the system is available for customers who desire OEM services. Annual inspection of float bags, as compared with six month inspection required in some competitors'

products lowers ongoing maintenance costs of the system. This system is approximately 20 pounds lighter than the OEM supplied system.

Replacement:	N/A
Floats (Number/Design):	2 (LH, RH)/Cylindrical
Float Inflation Reservoirs (Qty./Type/Gas):	1/Composite Wound/Helium (3025 psi @ 70°F)
Inflation Mechanism:	Mechanical with cyclic (-101/-102) or collective (-103/-104) mounted lever
Liferafts Inflation Reservoirs:	N/A
Liferafts Inflation Mechanism:	N/A
Special Design Features:	Certified for take off after water landing
Aircraft Limitations:	Maximum pressure altitude for float inflation is 6600 ft.
Max. Airspeed of Inflation:	75 KIAS
Max. Airspeed Floats Inflated:	95 KIAS
Max. Towing Speed:	N/A
Maintenance / Overhaul:	Semi-Annual & Annual inspect and test / 3 yrs. Reservoirs
Exchange Program:	Available for Floats & Reservoir Valve Assemblies.

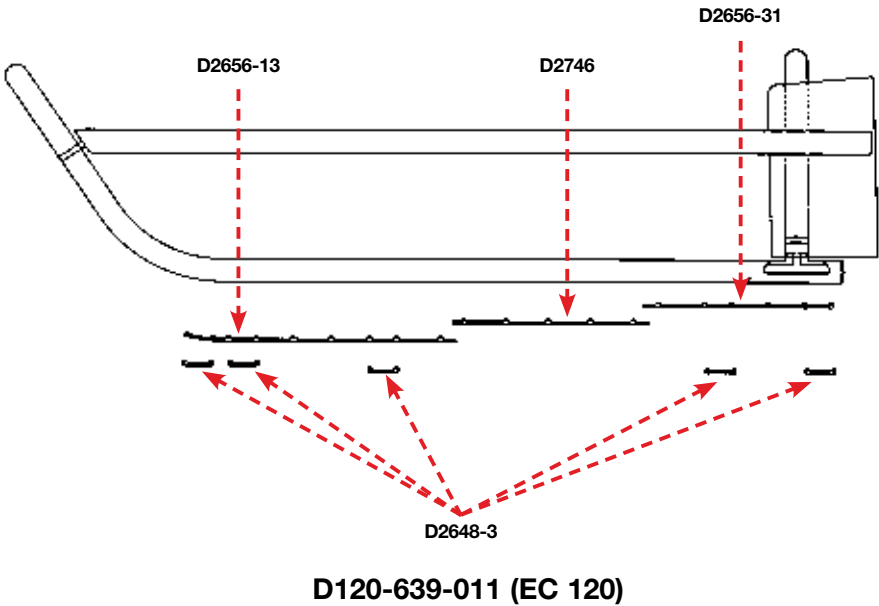
EC 120 CYLINDRICAL EMERGENCY FLOAT SYSTEM

Approval	STC Number	A/C Approved	STC Description	
USA	SR00780LA	EC 120B	Cylindrical Emergency Float System	
Canada	SH99-218	EC 120B	Cylindrical Emergency Float System	
EASA	EASA.IM.R.S.01013	EC 120B	Cylindrical Emergency Float System	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
20498-101	Emergency Float System		100.00 lb / 45.45 kg	30 hrs
20498-102	Emergency Float System		100.00 lb / 45.45 kg	30 hrs
20498-103	Emergency Float System		100.00 lb / 45.45 kg	30 hrs
20498-104	Emergency Float System		100.00 lb / 45.45 kg	30 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
20498-101	Emergency Float System	Kit includes LH & RH cylindrical floats. LH Pilot cyclic mounted inflation mechanism. Price is for complete float system	EC 120B	\$61,425
20498-102	Emergency Float System	Kit includes LH & RH cylindrical floats. RH Pilot cyclic mounted inflation mechanism. Price is for complete float system	EC 120B	\$61,425
20498-103	Emergency Float System	Kit includes LH & RH cylindrical floats. LH Pilot collective mounted inflation mechanism. Price is for complete float system	EC 120B	\$61,425
20498-104	Emergency Float System	Kit includes LH & RH cylindrical floats. RH Pilot collective mounted inflation mechanism. Price is for complete float system	EC 120B	\$61,425

DART Carbon Steel Replacement Wearplates & Wearpads - Standard

The DART Wearplate Kit is designed to replace the existing Eurocopter Wearplates with full length Wearplates and smaller tungsten carbide welded Wearpads to better protect the skidtube from damage.

WEARPLATES & WEARPADS FOR STANDARD SKIDTUBES					
Approval	STC Number	A/C Approved		STC Description	
Please see associated Skidtube approvals					
Canada	SH01-25	EC 120B		Replacement Wearplates & Wearpads	
USA	SR01347NY	EC 120B		Replacement Wearplates & Wearpads	
EASA	EASA.IM.R.S.01452	EC 120B		Replacement Wearplates & Wearpads	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.					
Part Number	Product Description	Special Comments		Aircraft Model	Price (USD)
D120-639-011	Wearplate Kit	Includes 3 full length Carbon Steel Wearplates & 5 tungsten carbide welded Carbon Steel Wearpads Price is per skidtube		EC 120	\$1,315
ALS7-1032-130	Rivnut	For wearplate & wearpad installation. Price is per rivnut		EC 120	Contact Sales



Bearpaws

Secure Landings

For as long as helicopters have been in operation, soft terrain landings have created problems for pilots. Without Bearpaws, you may have experienced balancing problems when landing or taking off in soft terrain such as tundra, snow, or sand.

DART Bearpaws are constructed of a high density polymer, not plywood, aluminum or composite. This polymer resists cracking, chipping and breaking. The one-piece machined construction ensures consistent and deliberate load transfer. The material is also flexible, so it can deflect under high-point contact loads when landing on rocks or roots, and DART Bearpaws have an inherent memory so they return to their original shape upon take off.

Why purchase DART bearpaws?

- **Lightweight**
- **Easy to install**
- **High strength polymer with memory, deflects under critical point loading without failure and returns to original shape when unloaded**
- **Provides antislip and wear protection**



BEARPAWS				
Approval	STC Number	A/C Approved	STC Description	
Canada	SH99-221	EC 120B	UHMW Polymer Bearpaw	
USA	SR01177NY	EC 120B	UHMW Polymer Bearpaw	
EASA	EASA.IM.R.S.01451	EC 120B	UHMW Polymer Bearpaw	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D120-638-011	Bearpaw Kit		8.40 lb / 3.82 kg	2 hrs
D120-638-021	Bearpaw Wearplate Kit		2.24 lb / 1.00 kg	1 hr
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D120-638-011	Bearpaw Kit	For soft or uneven terrain landings. Price is per aircraft	EC 120	\$2,015
D120-638-021	Bearpaw Wearplate Kit	Provides anti-slip and wear protection for the Bearpaws. Compatible on D120-638-011. Features Tungsten Carbide welds. Price is per aircraft	EC 120	\$695

D120-638-011

Flotation Equipment

Cylindrical Emergency Float System with & without Rafts



Eurocopter EC 130 Emergency Float Kits are available with or without six-man liferafts. The systems are compatible with ground handling wheels and the floats can be removed in a matter of minutes. The mechanical valve system has no squibs or electrical requirements. The cylinder valve assemblies, floats and liferafts are available as exchange items, thereby reducing the maintenance and down time.

All hoses and fittings are stainless steel. All float chambers come standard with field replaceable pressure relief and inflation valves. The floats are on-condition and except for the liferafts, do not have to be returned to the factory for recertification. Factory recertification of the systems is available for customers who desire OEM services. Annual inspection of floats, as compared

with the six month inspection required in some competitors' products, lowers ongoing maintenance costs of the system. This system is approximately 20 pounds lighter than the OEM supplied system.

Replacement:	N/A
Floats (Number/Design):	2/Cylindrical
Float Inflation Reservoirs (Qty./Type/Gas):	2/Composite Wound/Helium or Nitrogen (4500 psi @ 70°F)
Inflation Mechanism:	Mechanical with cyclic mounted lever
Liferafts (Number/Design):	2/Six man with survival kits
Liferafts Inflation Reservoirs:	1/Composite Wound/Helium or Nitrogen (3800 psi @ 70°F)
Liferafts Inflation Mechanism:	Mechanical from cockpit or 2 externally mounted T-handles (passenger accessible)
Special Design Features:	Patented integrated Float/Liferaft (-300). Kits may be installed for RH or LH pilot configuration
Aircraft Limitations:	Maximum pressure altitude for float inflation is 5,500 ft.
Max. Airspeed of Inflation:	90 KIAS
Max. Airspeed Floats Inflated:	90 KIAS
Max. Towing Speed:	N/A
Maintenance / Overhaul:	Annual & 3 yrs. inspect and test / 3 yrs. Reservoirs & Liferafts
Exchange Program:	Available for Floats & Reservoir Valve Assemblies.

EC 130 CYLINDRICAL EMERGENCY FLOAT SYSTEM WITH & WITHOUT RAFTS

Approval	STC Number	A/C Approved	STC Description	
USA	SR01687LA	EC 130B4	Cylindrical Emergency Float System	
Canada	SH05-25	EC 130B4	Cylindrical Emergency Float System	
EASA	EASA.IM.R.S.01115	EC 130B4	Cylindrical Emergency Float System	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
604.0018-300	Emergency Float System with Rafts		181.00 lb / 82.27 kg	30 hrs
604.0018-100	Emergency Float System		131.00 lb / 59.55 kg	30 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
604.0018-300	Emergency Float System with Rafts	Kit includes LH & RH cylindrical floats with integrated liferafts. Price is for complete float with rafts system	EC 130B4	\$105,000
604.0018-100	Emergency Float System	Kit includes LH & RH cylindrical floats. Price is for complete float system	EC 130B4	\$81,375

Heli-Utility-Basket™

The Heli-Utility-Basket™ is constructed of stainless steel with a high-gloss, white scratch-resistant finish. The baskets are practical and look great.

A self-locking handle keeps valuables secure during flight. The easy bolt-on installation allows you to install or remove the basket in minutes wherever you are.



D130-701-041

- Approved to be flown LH, RH or both side simultaneously
- Ideal for transportation of skis, golf clubs, fire fighting equipment or tools

PRODUCT SPECIFICATIONS	
Part Number	D130-701-041
Aircraft	EC 130
Length	96" / 2.44m
Width	23.5" / 0.60m
Depth	22.1" / 0.56m
Load Capacity	220 lb / 100 kg
Basket Weight	120 lb / 54.50 kg

HELI-UTILITY-BASKET™				
Approval	STC Number	A/C Approved	STC Description	
Canada	SH94-14	EC 130B4	Heli-Utility-Basket™	
USA	SR00213NY	EC 130B4	Heli-Utility-Basket™	
Brazil	2007S03-03	EC 130B4	Heli-Utility-Basket™	
EASA	EASA.IM.R.S.01405	EC 130B4	Heli-Utility-Basket™	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D130-701-041	Heli-Utility-Basket™		120.00 lb / 54.50 kg	2 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D130-701-041	Heli-Utility-Basket™ (Fits LH or RH)	Mounts to cargo swing fittings, can be installed LH & RH simultaneously, VNE restriction 108 kias. Price is per side	EC 130	\$18,919

Cargo Expansion

Spacepods™ & LH Door Hinge Modification Kit

With the Spacepod™ you'll increase your stowing capability by 5.5 ft³ and 140 pounds per side. Installation net weight is increased by only 13 pounds per side. This unit has been approved to be flown on either or both sides, with no flight limitations.

This unit does double duty; not only can it stow equipment, but it can also function as a working platform. Taking this application into consideration, we applied a non-skid surface for your personal safety.

The Spacepod™ can be easily installed and removed, in the field or in the hangar, with very little effort.

The forward opening doors feature an automatic door opener that dampens door swing and supports the door in the open position.

The Hinge Modification Kit modifies the existing sliding door to make it compatible with the Spacepod™. The sliding door is modified to a forward hinging configuration that is ideal for easy passenger loading. LH Spacepod™ is supplied with the Hinge Mod Kit.

- **Additional cargo space without flight limitations**
- **Can be flown LH or RH only or both sides simultaneously**
- **Anti-skid work platform**
- **Easy to remove and re-install**

NEW!



SPACEPOD™ & LH DOOR HINGE MODIFICATION KIT

Approval	STC Number	A/C Approved	STC Description	
Canada	SH93-88	EC 130B4	Spacepod™ Side Cargo Compartment Extender and LH Door Hinge Modification Kit	
USA	SR00098NY	EC 130B4	Spacepod™ Side Cargo Compartment Extender and LH Door Hinge Modification Kit	
EASA	EASA.IM.R.S.01292	EC 130B4	Spacepod™ Side Cargo Compartment Extender and LH Door Hinge Modification Kit	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D130-780-041	Spacepod™ LH Forward Opening		13.0 lb / 5.9 kg net weight increase	6 hrs
D130-780-042	Spacepod™ RH Forward Opening		13.0 lb / 5.9 kg net weight increase	6 hrs
D130-780-011	LH Door Hinge Modification Kit		0.0 lb / 0.0 kg net weight increase	6 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D130-780-041	Spacepod™ LH Forward Opening	May be installed alone or with the D130-780-042 Spacepod™. Comes with LH Door Hinge Modification Kit. Removes in 15 min, re-installs in 30 min. Includes gas spring which dampens swing and supports door in open position. Price is per side	EC 130	\$11,990
D130-780-042	Spacepod™ RH Forward Opening	May be installed alone or with the D130-780-041 Spacepod™. Removes in 15 min, re-installs in 30 min. Includes gas spring which dampens swing and supports door in open position. Price is per side	EC 130	\$11,990
D130-780-011	LH Door Hinge Modification Kit	Modifies existing sliding door to a Fwd hinging configuration. Price is per side	EC 130	\$1,495

Bearpaws

Secure Landings

For as long as helicopters have been in operation, soft terrain landings have created problems for pilots. Without Bearpaws, you may have experienced balancing problems when landing or taking off in soft terrain such as tundra, snow, or sand.

DART Bearpaws are constructed of a high density polymer, not plywood, aluminum or composite. This polymer resists cracking, chipping and breaking. The one-piece machined construction ensures consistent and deliberate load transfer. The material is also flexible, so it can deflect under high-point contact loads when landing on rocks or roots, and DART Bearpaws have an inherent memory so they return to their original shape upon take off.

Why purchase DART bearpaws?

- **Lightweight**
- **Easy to install**
- **High strength polymer with memory, deflects under critical point loading without failure and returns to original shape when unloaded**
- **Provides antislip and wear protection**



BEARPAWS				
Approval	STC Number	A/C Approved	STC Description	
Canada	SH93-4	EC 130B4	UHMW Polymer Bearpaw	
USA	SR00028NY	EC 130B4	UHMW Polymer Bearpaw	
EASA	EASA.IM.R.S.01389	EC 130B4	UHMW Polymer Bearpaw	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D130-700-011	Bearpaw Kit		12.50 lb / 5.67 kg	2 hrs
D130-700-021	Bearpaw Wearplate Kit		2.24 lb / 1.00 kg	1 hr
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D130-700-011	Bearpaw Kit	For soft or uneven terrain landings. Price is per aircraft	EC 130	\$3,149
D130-700-021	Bearpaw Wearplate Kit	Provides anti-slip and wear protection for the Bearpaws. Compatible on D130-700-011. Features Tungsten Carbide welds. Price is per aircraft	EC 130	\$695



D130-700-011

Auxiliary Fuel Tank

Auxiliary Side Locker Fuel Tank

The tank has been designed to provide additional range with a tank that is fully approved for all flight roles and can be installed or removed to meet the operational requirements of the helicopter.

Fits into the left-hand side locker having its own electrical gauge and pump and can be swapped between helicopters within your fleet if required.

The capacity for the EC 130 B4 is 40 US gallons/ 152 liters of usable fuel.

- **Minimum modification to aircraft structure**
- **Has its own electrical gauge and pump**
- **Can be swapped between a fleet of helicopters**
- **Extends range by 25 %**
- **Go direct to your destination**
- **Easily installed and removed**
- **Empty weight removable is 30 lb / 13.5 kg.**
- **Fixed parts are 5.5 lb / 2.5 kg.**



AUXILIARY SIDE FUEL TANK

Approval	STC Number	A/C Approved	STC Description	
Canada	SH05-4	EC 130B4	Auxiliary Side Locker Fuel Tank to Increase Range	
Australia	ASR063SY	EC 130B4	Auxiliary Side Locker Fuel Tank to Increase Range	
USA	Pending	EC 130B4	Auxiliary Side Locker Fuel Tank to Increase Range	
EASA	Pending	EC 130B4	Auxiliary Side Locker Fuel Tank to Increase Range	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
JCA/M47-1-01A	Auxiliary Side Locker Fuel Tank		30.00 lb / 13.50 kg	0.25 hrs
JCA/M47-1	Kit Parts for Auxiliary Side Locker Fuel Tank		5.50 lb / 2.50 kg	32 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
JCA/M47-1-01A	Auxiliary Side Locker Fuel Tank Includes Installation Kit	One kit completes one aircraft	EC 130	\$36,750
JCA/M47-1	Kit Parts for Auxiliary Side Locker Fuel Tank	The provisions kit, once installed allows the fuel tank to be moved between multiple aircraft.	EC 130	\$8,300

Inlet Barrier Filters - AFS

Product Description:

Aerospace Filtration Systems (AFS) introduces a unique Inlet Barrier Filter (IBF) system for the Eurocopter EC130 B4 and AS 350 B3 with later model dual hydraulic cowl. Using technology fielded and proven on commercial and military helicopters worldwide, the AFS IBF is an innovative, lightweight and simple to install option versus inertial type separators (Engine Air Particle Separator/EAPS, Sand Filter, or FOD Screen) or alternate IBF system. The AFS IBF system allows the optimum performance possible within the existing EC130/AS 350 cowl while providing dust, sand, and dirt separation efficiencies exceeding 99%, ensuring your engine has the maximum protection possible. At the same time, the IBF improves air flow in comparison to the EAPS/sand filter, meaning more power, reduced operating temps and longer engine life. Performance improvements in the aircraft yield up to 20 degrees more MGT margin compared to inertial separation options. No flight restrictions are imposed for operation in falling/blowing snow or for activation of the bypass system. The AFS IBF utilizes components common to other AFS IBF models, including the standard AS 350 IBF series. Operators can attain the ROI for a barrier filter system within one engine overhaul cycle, even in a relatively clean environment. Reduced engine damage, ability to meet TBO, less down time for separator removals and lower temperatures are all benefits of operating an AFS IBF, and can improve your bottom line.

Features:

The lightweight flat filter design performs with ultimate efficiency in all flight regimes. With a 4,500-hour life, the significant amount of filter area allows cleaning service cycles as long as 300 hours (service life is a function of the operating environment). A filter maintenance aid allows on-condition monitoring of filter status when the aircraft is running or shut down, on the ground. The assembly is self-contained and structurally integrated inside the existing manufacturer's inlet cowl assembly. Installation requires minimal modifications to the existing air inlet cowl assembly. The filter and bypass system are flush with the upper surface of the EC130 cowl and utilize an internal bypass plenum. Employing deep pleats, AFS was able to keep the filter footprint limited to the upper surface of the EC130 cowl and still accommodate the bypass. An emergency bypass capability is an important IBF feature lacking in most traditional sand filters and particle separators. The aft-facing bypass door ensures that dirt and snow do not enter the inlet and allows flight in all environment conditions without restrictions. And the rugged flat filter assembly makes servicing a snap. The bypass system, IBF components and FMA are all easily accessible.



Benefits:

- Proven technology with over 1,000,000 flight hours
- Up to 20 degrees MGT reduction (EAPS removed)
- Improved engine performance, certified for use with basic inlet charts
- Emergency bypass capability
- Reduced life cycle costs over alternate systems
- Maximum protection — over 99% efficiency
- Reduced engine maintenance/longer TBO
- Filter maintenance aid (FMA) for on-condition assessment
- Non-intrusive cockpit installation with minimal modifications
- Common components with other AFS certified systems
- Dual applicability: EC130 B4 and later model AS 350 B3

INLET BARRIER FILTER				
Approval	STC Number	A/C Approved	STC Description	
USA	SR02560CH	EC 130 B4	Inlet Barrier Filter	
USA	SR02560CH	AS 350B3	Inlet Barrier Filter with Dual Hydraulics	
Canada	Pending	EC 130 B4	Inlet Barrier Filter	
Canada	Pending	AS 350B3	Inlet Barrier Filter with Dual Hydraulics	
EASA	Pending	EC 130 B4	Inlet Barrier Filter	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
121001-101	AFS EC 130 Barrier Filter Kit with Cover		20.6 lb	40 Man Hours
121300-101	Filter Assembly, Spare			
121800-101	Inlet Barrier Filter Kit Cover, Spare			
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
121001-101	AFS EC 130 Barrier Filter Kit with Cover included	*Also available for AS 350B3 with Dual Hydraulics	EC 130 B4 *AS 350B3	\$26,550
121300-101	Filter Assembly, Spare		EC 130 B4	\$4,550
100800-101	Service Kit	Kit includes 1 gal AFS oil and cleaner, 16oz applicator bottle with spout, cleaner/degreaser sprayer, seamer pliers	All	\$530

Skidtubes**Skidtubes**

DART believed that conventional skidtubes were under-designed for the types of landings most helicopters encounter. Conventional skidtubes are ill-equipped to face the critical loading conditions encountered when landing on uneven ground, rocks, tree roots, and other small objects. Under these conditions, simple round tubes tend to puncture, dent and bend because they cannot maintain their shape.

DART's revolutionary patented Round-I-Beam™ technology combines the conventional round tube with the strength of the I-beam made from 6061-T6 aluminum.

In DART skidtubes, the central I-beam web absorbs most of the impact on landing so the tube maintains its integrity. Even with the addition of a central web, the weight is comparable to that of conventional skidtubes.

The DART Round-I-Beam™ Skidtube was designed to accommodate the extreme conditions involved in military use.

- **Pre-drilled for wire strike compatibility**
- **Pre-drilled for Apical Tri-Bag Float compatibility**
- **Comes with full length stainless steel wearplates**



SKIDTUBES				
Approval	STC Number	A/C Approved	STC Description	
USA	SR01709SE	EC 135 P1/P2/P2+/T1/T2/T2+	D135-751 Approved OEM Replacement Skidtube	
EASA	EASA.IM.R.S.01278	EC 135 P1/P2/T1/T2/P2+/T2+	D135-751 Approved OEM Replacement Skidtube	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D135-751-011	Skidtube EC 135		24.10 lb / 10.95 kg	2 hrs
D135-751-101	Skidtube Extension Kit		Contact Tech Support	Contact Tech Support
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D135-751-011	Skidtube (Fits LH or RH)	Predrilled for compatibility with Bristol WSPS Kit p/n 965-19500-101 and Apical Tri-Bag Float System p/n 644.1801/1802. Comes with full length Stainless Steel Wearplates.	EC 135	Contact Sales
D135-751-101	Skidtube Extension Kit (Fits LH or RH)	Modifies DART Skidtube D135-751-011 for compatibility with Apical Skid Extension Kit p/n 644.1805 for use with Tri-Bag Floats. One kit modifies one skidtube.	EC 135	Contact Sales



EC 135
D135-751-011

DART Stainless Steel Wearplates

WEARPLATES FOR SKIDTUBES

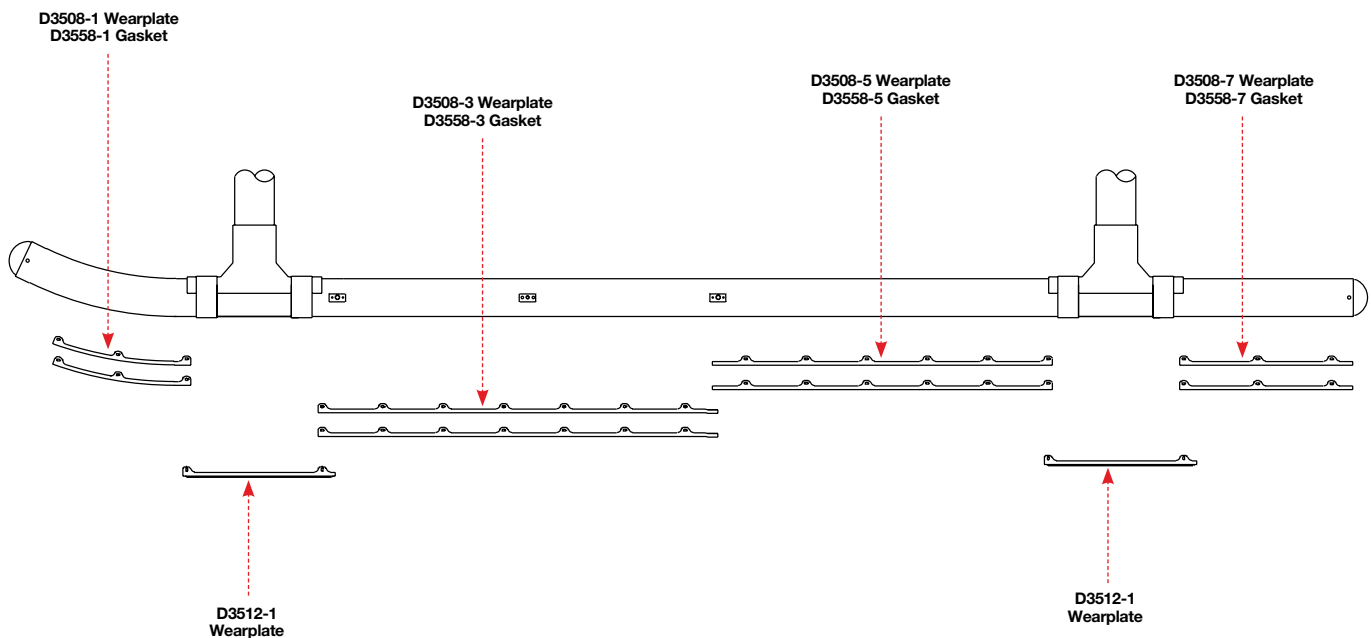
Approval

Please see associated Skidtube approvals

New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.

Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D135-751-043	Wearplate Kit EC 135 Skidtube	Includes 4 full length Stainless Steel Wearplates, corresponding Gaskets, 2 tungsten carbide welded Stainless Steel Wearplates & hardware. Price is per Skidtube	EC 135	\$1,759
D3508-1	Stainless Steel Wearplate Fwd	Stainless Steel construction, 1 per Skidtube	EC 135	\$336
D3558-1	Gasket Fwd	Install with D3508-1 Fwd Wearplate, 1 per Skidtube	EC 135	\$34
D3508-3	Stainless Steel Wearplate Center Fwd	Stainless Steel construction, 1 per Skidtube	EC 135	\$389
D3558-3	Gasket Center Fwd	Installs with D3508-3 Center Fwd Wearplate, 1 per Skidtube	EC 135	\$39
D3508-5	Stainless Steel Wearplate Center Aft	Stainless Steel construction, 1 per Skidtube	EC 135	\$276
D3558-5	Gasket Center Aft	Installs with D3508-5 Center Aft Wearplate, 1 per Skidtube	EC 135	\$34
D3508-7	Stainless Steel Wearplate Aft	Stainless Steel construction, 1 per Skidtube	EC 135	\$276
D3558-7	Gasket Aft	Installs with D3508-7 Aft Wearplate, 1 per Skidtube	EC 135	\$28
D3512-1	Stainless Steel Wearplate	Stainless Steel construction, tungsten carbide welded, located at the Crosstubes, 2 per Skidtube	EC 135	\$321
AELS-1032-130	Rivnut	For wearplate Price is per rivnut	EC 135	Contact Sales

Pricing is per Wearpad, Wearplate or Gasket



Stainless Steel hardware eases removal for inspection and replacement
Gaskets eliminate the need for messy sealant

Flotation Equipment**Tri-Bag Emergency Float System with & without Rafts**

Each kit includes four floats. Each float is constructed utilizing lightweight urethane-coated nylon fabric. Each float has inlet check valves and combination manual topping/pressure relief valves. All valves are field replaceable. One 1105 cu in inflation bottle and inflation valve is installed on the underside of the fuselage for float inflation. Each kit may also contain one six-man liferaft with survival kit mounted on each forward float and a 550 cu in. liferaft bottle and inflation valve installed on the underside of the fuselage. The float inflation valve is operated either manually by a pull handle mounted on the cyclic stick or electrically by two water switches mounted on the underside of the fuselage (optional). The liferaft valve is operated manually by one of the 3 T-handles, (one mounted on the center console and two mounted on the Aft landing gear crosstube). The kit also includes inflation hoses, pull cables, miscellaneous clamps, brackets, and mounting hardware associated with installation.

Replacement:	N/A
Floats (Number/Design):	4 (2 Fwd, 2 Aft)/Tri-Bag
Float Inflation Reservoirs (Qty./Type/Gas):	1/Composite Wound/Helium or Nitrogen (4850 psi @ 70°F)
Inflation Mechanism:	Mechanical with cyclic mounted lever plus optional automatic 2 sensors electrical back-up
Liferafts (Number/Design):	2/Six man with survival kits
Liferafts Inflation Reservoirs:	1/Composite Wound/Helium or Nitrogen (3800 psi @ 70°F)
Liferafts Inflation Mechanism:	Mechanical from cockpit or 2 externally mounted T-handles
Special Design Features:	Patented integrated Floats/Liferafts. Designed for aircraft water towing at 10 kts for recovery. Certified for maximum gross weight of 6415 lb / 2910 kg. Designed for use with Float Skidtubes or standard Skidtubes with optional 644.1803 Skid Extension Kit.
Aircraft Limitations:	Maximum altitude for float inflation is 5,000 ft. above landing surface
Max. Airspeed of Inflation:	80 KIAS
Max. Airspeed Floats Inflated:	80 KIAS
Max. Towing Speed:	10 kts
Maintenance / Overhaul:	18 mo. & 3 yrs. inspect and test / 3 yrs. Reservoirs & Liferafts
Installation Note:	Requires concurrent installation of Landing Gear Extension P/N 135M-110 (see below)
Exchange Program:	Available for Floats, Liferafts & Reservoir Valve Assemblies.

EC 135 TRI-BAG EMERGENCY FLOAT SYSTEM WITH & WITHOUT RAFTS

Approval	STC Number	A/C Approved	STC Description	
USA	SR01855LA	EC 135	Tri-Bag Emergency Float System	
USA	SR09230RC	EC 135P1/P2/P2+/T1/T2/T2+	Landing Gear Extension	
Canada	P-06-0312	EC 135	Tri-Bag Emergency Float System	
Canada	5010-0-08-0602	EC 135P1/P2/P2+/T1/T2/T2+	Landing Gear Extension	
EASA	EASA.IM.R.S.01199	EC 135	Tri-Bag Emergency Float System	
EASA	EASA.IM.R.S.01377	EC 135P1/P2/P2+/T1/T2/T2+	Landing Gear Extension	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
644.1801	Tri-Bag Float System with Liferafts		201.00 lb / 91.36 kg	40 hrs
644.1802	Tri-Bag Float System		133.00 lb / 60.45 kg	40 hrs
644.1803	Skid Extension Kit		23.00 lb / 10.45 kg	5 hrs
644.1804	Automatic Electrical Inflation Kit		9.00 lb / 4.09 kg	10 hrs
135M-110	Landing Gear Extension		Contact Sales	Contact Sales
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
644.1801	Tri-Bag Float System with Liferafts	Price is for complete float system with rafts	EC 135	\$142,800
644.1802	Tri-Bag Float System	Price is for complete float system	EC 135	\$127,575
644.1803	Skid Extension Kit	Allows float installation on standard Skidtubes. Includes LH & RH Extensions	EC 135	\$16,590
644.1804	Automatic Electrical Inflation Kit	Provides water activated back-up inflation system activations.	EC 135	\$16,590
135M-110	Landing Gear Extension	The landing gear skid extensions provide an additional 4 inches of ground clearance over the standard gear. The kit consists of 4 spacer tubes inserted between the crosstubes and the skid tube.	EC 135	Contact Sales

Bearpaws

Secure Landings

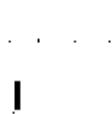
For as long as helicopters have been in operation, soft terrain landings have created problems for pilots. Without Bearpaws, you may have experienced balancing problems when landing or taking off in soft terrain such as tundra, snow, or sand.

DART Bearpaws are constructed of a high density polymer, not plywood, aluminum or composite. This polymer resists cracking, chipping and breaking. The one-piece machined construction ensures consistent and deliberate load transfer. The material is also flexible, so it can deflect under high-point contact loads when landing on rocks or roots, and DART Bearpaws have an inherent memory so they return to their original shape upon take off.

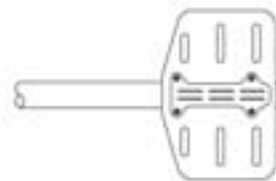
Why purchase DART bearpaws?

- **Lightweight**
- **Easy to install**
- **High strength polymer with memory, deflects under critical point loading without failure and returns to original shape when unloaded**
- **NEW wearplates for anti-slip and wear protection**

BEARPAWS				
Approval	STC Number	A/C Approved	STC Description	
Canada	LoA 120S-GA-08-52	EC 135	UHMW Polymer Bearpaw	
USA	SR01042SE	EC 135	UHMW Polymer Bearpaw	
UK	28700	EC 135	UHMW Polymer Bearpaw	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D135-692-011	Bearpaw Kit		11.80 lb / 5.36 kg	2 hrs
D135-692-041	Bearpaw Wearplate Kit		2.24 lb / 1.0 kg	1 hr
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D135-692-011	Bearpaw Kit	For soft or uneven terrain landings. Price is per aircraft	EC 135	\$4,111
D135-692-041	Bearpaw Wearplate Kit	Provides anti-slip and wear protection for the Bearpaws. Stainless steel construction. Features tungsten carbide welds. Compatible on D135-692-011. Price is per aircraft	EC 135	\$695



D135-692-011



D135-692-041

[illegible]

EUROCOPTER BO 105

New and featured accessories for Eurocopter BO 105 Helicopters

- Tri-Bag Emergency Float System with and without Liferafts
- Round-I-Beam™ Skid tubes with Full Length Steel Wearplates
- Replacement Windows
- Replacement Cabin and Cargo Interiors



For more information or to place an order, contact:
DART Helicopter Services at 1-800-556-4166 or 1-613-632-3336 or visit:
www.DARThelicopterservices.com

Skidtubes

DART believed that conventional skidtubes were under-designed for the types of landings most helicopters encounter. Conventional skidtubes are ill-equipped to face the critical loading conditions encountered when landing on uneven ground, rocks, tree roots, and other small objects. Under these conditions, simple round tubes tend to puncture, dent and bend because they cannot maintain their shape.

DART's revolutionary patented Round-I-Beam™ technology combines the conventional round tube with the strength of the I-beam made from 6061-T6 aluminum.

In DART skidtubes, the central I-beam web absorbs most of the impact on landing so the tube maintains its integrity. Even with the addition of a central web, the weight is comparable to that of conventional skidtubes.

The DART Round-I-Beam™ Skidtube was designed to accommodate the extreme conditions involved in military use.

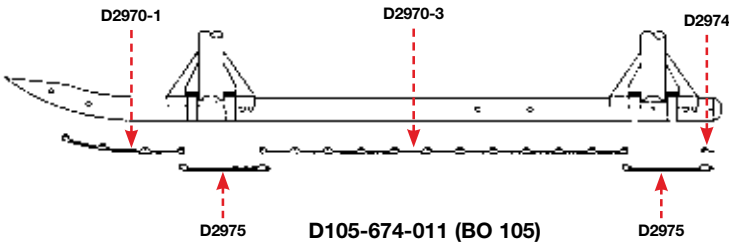


SKIDTUBES				
Approval	STC Number	A/C Approved	STC Description	
Canada	LoA 01-2104	BO 105C/S	D105-674 Approved OEM Replacement Skidtube	
USA	SR00910SE	BO 105A/C/S/LSA1/LSA2	D105-674 Approved OEM Replacement Skidtube	
EASA	EASA.IM.R.S.01469	BO 105A/C/S/LSA1/LSA2	D105-674 Approved OEM Replacement Skidtube	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D105-674-011	Skidtube		19.30 lb / 8.80 kg	2 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D105-674-011	Skidtube (Fits LH or RH)	Comes with full length Carbon Steel Wearplates & Wearpads	BO 105	\$5,967

DART Carbon Steel Replacement Wearplates & Wearpads

WEARPLATES & WEARPADS FOR STANDARD SKIDTUBES				
Approval	STC Number	A/C Approved	STC Description	
Please see associated Skidtube approvals				
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D2970-1	Wearplate Fwd	Carbon Steel construction, 1 per Skidtube, located on Fwd upward curve of Skidtube	B0 105	\$195
D2970-3	Wearplate Center	Carbon Steel construction, 1 per Skidtube, located between the two Crosstubes	B0 105	\$290
D2974	Packer Aft	Carbon Steel construction, 1 per Skidtube, located at the Aft end of Skidtube	B0 105	\$47
D2975	Wearplate	Carbon Steel construction, tungsten carbide welded, 2 per Skidtube, located at the Crosstubes	B0 105	\$320

Pricing is per Wearpad or Wearplate



Flotation Equipment**Tri-Bag Emergency Float System with & without Rafts**

Eurocopter BO 105 Emergency Float System is the only float systems certified for take off after a water landing for all BO 105 models including the heaviest LS configuration. The system is also the only system certified for use with BO 105 high gear configuration. A kit with integrated Liferasts is available for low gear. These kits are compatible with ground handling wheels and the float bags can be removed in a matter of minutes. The mechanical valve system has no squibs or electrical requirements. The cylinder valve assemblies, floats and liferafts valves are available as exchange items, thereby reducing maintenance and down time. All float chambers come standard with field replaceable pressure relief and inflation valves. The float bags are on-condition and do not have to be returned to the factory for

recertification. Factory recertification of the system is available for customers who desire OEM services. Annual inspection of float bags, as compared with six month inspection required in some competitors' products, lowers ongoing maintenance costs of the system.

Replacement:	N/A
Floats (Number/Design):	6 (2 Fwd, 2 Mid & 2 Aft)/Tri-Bag
Float Inflation Reservoirs (Qty./Type/Gas):	2 (single assy)/Composite Wound/Nitrogen (-100/-200), Helium (-300) (4450 psi @ 70°F)
Inflation Mechanism:	Mechanical with collective mounted lever (-100/-200) or cyclic mounted lever (-300)
Liferafts (Number/Design):	2/Six man with survival kits
Liferafts Inflation Reservoirs:	1/Composite Wound/Helium (3800 psi @ 70°F)
Liferafts Inflation Mechanism:	Mechanical from cockpit or 2 externally mounted T-handles
Special Design Features:	Certified for take off after water landing. Patented integrated Float/ Liferasts (-300). Designed for aircraft water towing at 10 kts for recovery.
Aircraft Limitations:	Maximum pressure altitude for float inflation is 5000 ft.
Max. Airspeed of Inflation:	90 KIAS
Max. Airspeed Floats Inflated:	100 KIAS
Max. Towing Speed:	10 kts
Maintenance / Overhaul:	Semi-Annual, Annual (-100/-200) & 18 months (-300) inspect and test / 18 mo. Liferasts & 3 yrs. Reservoirs
Exchange Program:	Available for Floats, Liferasts & Reservoir Valve Assemblies.

BO 105 TRI-BAG EMERGENCY FLOAT SYSTEM WITH & WITHOUT RAFTS

Approval	STC Number	A/C Approved	STC Description	
USA	SR00856LA	BO 105A/C/S/LSA3	Tri-Bag Emergency Float System	
Canada	SH00-15	BO 105A/C/S/LSA3	Tri-Bag Emergency Float System	
EASA	EASA.IM.R.S.01225	BO 105A/C/S/LSA3	Tri-Bag Emergency Float System	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
20430-100	Tri-Bag Float System, Low Gear		153.00 lb / 69.55 kg	30 hrs
20430-200	Tri-Bag Float System, High Gear		153.00 lb / 69.55 kg	30 hrs
20430-300	Tri-Bag Float with Rafts, For Low Gear		225.00 lb / 102.27 kg	30 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
20430-100	Tri-Bag Float System For Low Gear	Kit includes Fwd, Mid & Aft Tri-Bag floats. Price is for complete float system	BO 105A/C/S/LSA3	\$94,500
20430-200	Tri-Bag Float System For High Gear	Kit includes Fwd, Mid & Aft Tri-Bag floats. Price is for complete float system	BO 105A/C/S/LSA3	\$94,500
20430-300	Tri-Bag Float with Rafts System For Low Gear	Kit includes Fwd, Mid & Aft Tri-Bag floats with life rafts integrated with Mid bag floats. Price is for complete float with rafts system	BO 105A/C/S/LSA3	\$105,525

Replacement Cylindrical Emergency Floats



These floats are designed as replacements for the Eurocopter floats provided with the OEM float system. The floats consist of four separate air-holding chambers. The chambers are separated by bulkheads made of the same urethane nylon as the float tube to minimize the loss of buoyancy in the event of a puncture tear. Each chamber contains an inlet check valve for inflation by the cylinder/valve assembly and a combination PRV/Topping valve for pressure relief to prevent over-pressurization and to provide a means for manual inflation.

Replacement:	Eurocopter D24762 Float
Floats (Number/Design):	2/Cylindrical
Float Inflation Reservoirs (Qty./Type/Gas):	N/A
Inflation Mechanism:	N/A
Installation Requirement:	Eurocopter Emergency Float Kit STC SH1182EA prior installation required
Aircraft Limitations:	No change from OEM floats
Exchange Program:	Available for Floats

BO 105 REPLACEMENT CYLINDRICAL EMERGENCY FLOATS

Approval	STC Number	A/C Approved	STC Description		
USA	SR00269LA	BO 105C/S	Replacement Cylindrical Emergency Floats		
Canada	SH97-27	BO 105C/S	Replacement Cylindrical Emergency Floats		
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.					
Part Number	Product Description	Kit Weight		Installation Time	
20317-101	Replacement Emergency Float LH	0.00 lb / 0.00 kg net weight increase over OEM		2 hrs	
20317-102	Replacement Emergency Float RH	0.00 lb / 0.00 kg net weight increase over OEM		2 hrs	
Part Number	Product Description	Special Comments		Aircraft Model	Price (USD)
20317-101	Replacement Emergency Float LH	Price is per float		BO 105C/S	\$6,038
20317-102	Replacement Emergency Float RH	Price is per float		BO 105C/S	\$6,038

Bearpaws

Bearpaws

For as long as helicopters have been in operation, soft terrain landings have created problems for pilots. Without Bearpaws, you may have experienced balancing problems when landing or taking off in soft terrain such as tundra, snow, or sand.

DART Bearpaws are constructed of a high density polymer, not plywood, aluminum or composite. This polymer resists cracking, chipping and breaking. The one-piece machined construction ensures consistent and deliberate load transfer. The material is also flexible, so it can deflect under high-point contact loads when landing on rocks or roots, and DART Bearpaws have an inherent memory so they return to their original shape upon take off.

Why purchase DART bearpaws?

- **Lightweight**
- **Easy to install**
- **High strength polymer with memory, deflects under critical point loading without failure and returns to original shape when unloaded**

BEARPAWS				
Approval	STC Number	A/C Approved	STC Description	
Canada	SH00-46	B0 105LSA3/CCDN/CCDNB/CCDNB4/ SCDNBS/SCDNBS4	UHMW Polymer Bearpaw	
USA	SR01265NY	B0 105A/C/S/LSA1/LSA3	UHMW Polymer Bearpaw	
UK	28110	B0 105	UHMW Polymer Bearpaw	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D105-645-011	Bearpaw Kit		13.80 lb / 6.30 kg	2 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D105-645-011	Bearpaw Kit	For soft or uneven terrain landings. Not compatible on OEM high gear. Price is per aircraft	B0 105	\$4,111



D105-645-011

Aft Windows, Forward Windows, Chin Bubbles, Windshields & Roof Windows

BO 105 AFT WINDOW				
Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
M105-23302-1	L/H .080 Aft Window with Slide, Clear	105-23501-31	\$1,353	PQ0327SW
M105-23302-2	R/H .080 Aft Window with Slide, Clear	105-23601-32	\$1,353	PQ0327SW
M105-23302-24	R/H .100 Aft Window with Slide, Clear	105-23601-32	\$1,425	PQ0327SW
M105-23302-25	L/H .100 Aft Window with Slide, Clear	105-23501-31	\$1,425	PQ0327SW
M105-23302-55	Replacement Slide	Std. Assembly	\$242	PQ0327SW
M105-23302-56	Replacement Slide	Std. Assembly	\$242	PQ0327SW
BO 105 FORWARD WINDOW				
Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
M105-23301-1	L/H .080 Fwd Window with Lower Slide, Clear	105-23301-32	\$1,136	PQ0327SW
M105-23301-2	R/H .080 Fwd Window with Lower Slide, Clear	105-233401-32	\$1,136	PQ0327SW
M105-23301-24	R/H .100 Fwd Window with Upper Slide, Clear	105-233401-32	\$1,425	PQ0327SW
M105-23301-25	L/H .100 Fwd Window with Upper Slide, Clear	105-23301-32	\$1,425	PQ0327SW
M105-23301-30	R/H .100 Fwd Window with Middle Slide, Clear	105-233401-32	\$1,425	PQ0327SW
M105-23301-31	L/H .100 Fwd Window with Middle Slide, Clear	105-23301-32	\$1,425	PQ0327SW
M105-23301-5	Replacement Slide Nordam p/n M105-23301LHSL	Std. Assembly	Contact Sales	PQ0327SW
M105-23301-6	Replacement Slide Nordam p/n M105-23301RHSL	Std. Assembly	Contact Sales	PQ0327SW
BO 105 CHIN BUBBLES, WINDSHIELDS & ROOF WINDOWS				
Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
105-200-1	L/H Chin Bubble	105-22212	\$1,873	PQ0327SW
105-200-2	R/H Chin Bubble	105-22215	\$1,873	PQ0327SW
105-300-1	L/H Windshield	105-22206	\$2,760	PQ0327SW
105-300-2	R/H Windshield	105-22209	\$2,760	PQ0327SW
105-400-1	L/H Roof Window	105-22231	\$569	PQ0327SW
105-400-2	R/H Roof Window	105-22232	\$569	PQ0327SW

Does not include hardware. Replacement window only.

PLASTIC CLEANER				
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
FP006	NORDAM 210 Cleaner	Price is per 14 fl. Oz. Bottle. Sold in cases of 12 bottles.	ALL	Contact Sales



Avionics Accessories

20 Amp, 28 to 12 Volt DC to DC Power Converter

Power Converter to provide 12 to 14 VDC (Adjustable) to a variety of loads. Provides clean regulated power to accessories without the potential for causing squelch issues in VHF Communications radios. Designed to drive all loads including processor based systems.

Features of the Product: Low Ripple <50 mv. Tight regulation across the entire load rating. Small, Light package. Directly interchangeable with KGS RG-28 wiring and mechanical installations. Instant Start-up. Comes Complete with Cannon Connector Kit.

Benefits of the Product: Lower Cost than its direct counterpart. Will not cause undesirable noise in communications systems. Designed specifically for stable power in high density processor based systems.

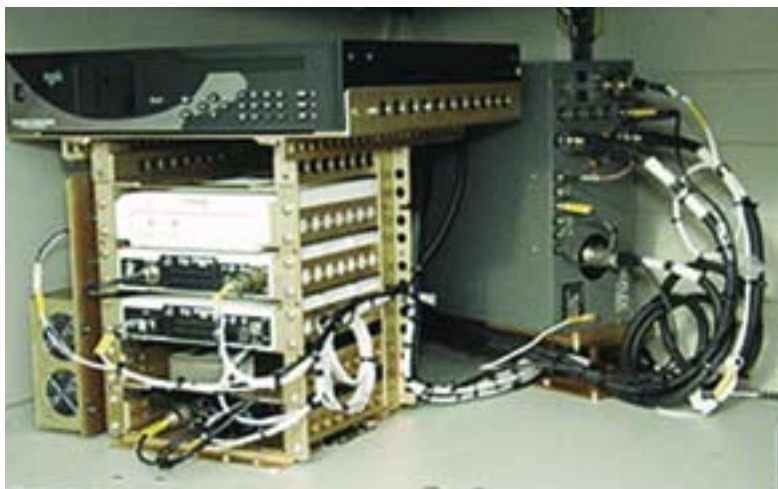


20 AMP, 28 TO 12 VOLT DC TO DC POWER CONVERTER

Approval	STC Number	A/C Approved	STC Description	
US	SR00643SE	BO 105	20 Amp, 28 to 12 VDC, DC to DC Converter	
Brazil	CHST 2007S06-31	BO 105LS/A-1/C/S	20 Amp, 28 to 12 VDC, DC to DC Converter	
Canada	SH08-51	BO 105	20 Amp, 28 to 12 VDC, DC to DC Converter	
EASA	PENDING	BO 105	20 Amp, 28 to 12 VDC, DC to DC Converter	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
G12980	20 Amp, 28 to 12 VDC, DC to DC Converter		Contact Tech Support	Contact Tech Support
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
G12980	20 Amp, 28 to 12 VDC, DC to DC Converter		BO 105	\$800

Microwave Radio Rack

This flexible equipment rack solution makes installation of Microwave Radios, HD Encoders and a single 19" 1 to 3 RU device (optional) safe and secure. With a load limit of 100 lbs this kit makes Nextel / Sprint 2 Ghz relocation or HD Upgrade changes faster and easier than any other rack system available. This rack is configurable for either MRC Strata or NuComm Channelmaster series microwave transmitters and receivers as well as any other 1/2 rack width units. It is a must have item for news and law enforcement helicopters.



MICROWAVE RADIO RACK

Approval	STC Number	A/C Approved	STC Description	
USA	SR00643SE	BO 105	Microwave Radio Rack	
Brazil	CHST 2007S06-31	BO 105LS/A-1/C/S	Microwave Radio Rack	
Canada	SH08-51	BO 105	Microwave Radio Rack	
EASA	Pending	BO 105	Microwave Radio Rack	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
P160-105	Microwave Radio Rack		7.00 lb / 3.18 kg	4 hrs
P160-MRC	MRC Strata Installation Kit		Contact Technical Support	Contact Technical Support
P160-NUC	Nucomm Installation Kit		Contact Technical Support	Contact Technical Support
P160-FAN	Cooling Fan		1.00 lb / 0.45 kg	1 hr
P160-TRAY	Mounting Tray		0.25 lb / 0.11 kg	0.5 hrs
P160-EXP	Top Rack Expansion Kit		2.00 lb / 0.91 kg	1 hr
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
P160-105	Microwave Radio Rack		BO 105	Contact Sales
P160-MRC	MRC Strata Installation Kit	For installing MRC Radios in P160-105 Microwave Radio Rack	BO 105	\$391
P160-NUC	Nucomm Installation Kit	For installing Nucomm Radios in P160-105	BO 105	\$2,415
P160-FAN	Cooling Fan		BO 105	\$2,772
P160-TRAY	Mounting Tray		BO 105	\$1,050
P160-EXP	Top Rack Expansion Kit		BO 105	\$3,617

Interiors**Kevlar® Cabin Interior**

While offering a substantial cost saving over original manufacturer's equipment, our replacement cabin interior panels are structurally more sound and more durable than original equipment due to their Kevlar® construction.

Note: Kevlar® is a registered trademark of Dupont.

**KEVLAR® CABIN INTERIOR**

Approval	STC Number	A/C Approved	STC Description	
USA	SH7354SW	BO 105	Kevlar® Cabin Interior	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
10525-300-000-001	Kevlar® Cabin Interior (w/o ECU)		18.70 lb / 8.50 kg	8 hrs
10525-300-000-002	Kevlar® Cabin Interior (w ECU)		18.70 lb / 8.50 kg	8 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
10525-300-000-001	Kevlar® Cabin Interior	Without ECU	BO 105	\$22,444
10525-300-000-002	Kevlar® Cabin Interior	With ECU	BO 105	\$19,819

Kevlar® Cargo Interior

While offering a substantial cost saving over original manufacturer's equipment, the replacement cargo interior panels are structurally more sound and more durable than original equipment due to their Kevlar® construction.

Note: Kevlar® is a registered trademark of Dupont.

**KEVLAR® CARGO INTERIOR**

Approval	STC Number	A/C Approved	STC Description	
USA	SH7355SW	BO 105	Kevlar® Cargo Interior	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
10525-200-000-001	Kevlar® Cargo Interior (w/o ECU)		16.80 lb / 7.64 kg	6 hrs
10525-200-000-002	Kevlar® Cargo Interior (w ECU)		16.80 lb / 7.64 kg	6 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
10525-200-000-001	Kevlar® Cargo Interior	Without ECU	BO 105	\$25,069
10525-200-000-002	Kevlar® Cargo Interior	With ECU	BO 105	\$22,444

Seat Back Shroud

The BO 105 replacement Seat Back Shroud attaches to the back of either, or both, front seats, providing storage room for the aircraft flight manual and checklist. In freeing the front door storage compartments for other uses, the aircraft documents are relocated to protect them from the detrimental effects of rain when the front doors are opened.

- Extra storage space
- Ideal for aircraft documents



SEAT BACK SHROUD					
Approval	STC Number	A/C Approved		STC Description	
USA	SH7353SW	BO 105		Seat Back Shroud	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.					
Part Number	Product Description		Kit Weight	Installation Time	
10525-701-001-001	Seat Back Shroud		2.50 lb / 1.14 kg	0.5 hrs	
Part Number	Product Description	Special Comments		Aircraft Model	Price (USD)
10525-701-001-001	Seat Back Shroud	Ideal for flight manual storage		BO 105	Contact Sales

Cargo Quick-Release Pin Assembly

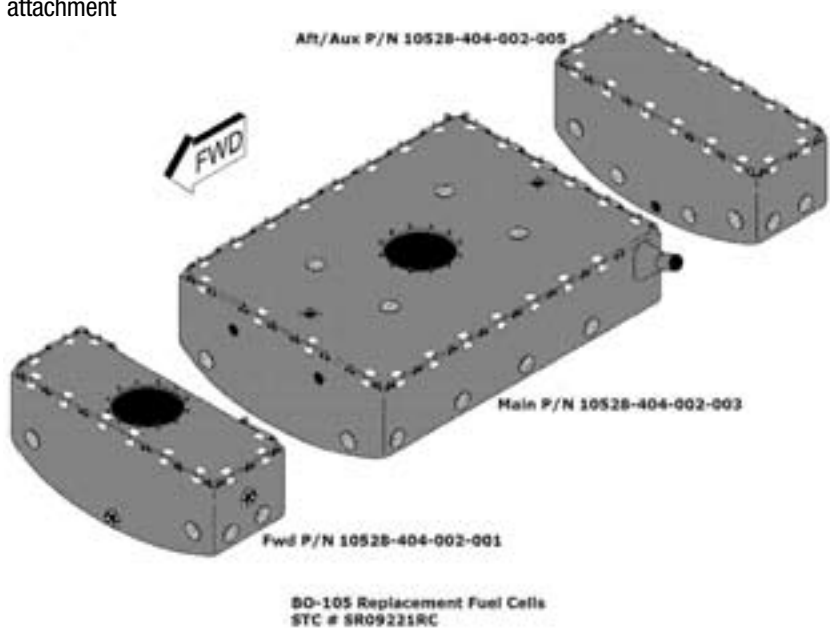
The Cargo Quick-Release Pins allow easy removal of the BO 105 clamshell cargo doors when needed for carrying oversized objects. These pins replace the AN hardware, cotter keys and clevis pins for substantial reduction in cost.

CARGO QUICK-RELEASE PIN					
Approval	STC Number	A/C Approved		STC Description	
USA	SH5485SW	BO 105		Cargo Quick-Release Pin Assembly	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.					
Part Number	Product Description			Kit Weight	Installation Time
83-2-100-1/2	Cargo Quick-Release Pin Assembly			1.00 lb / 0.45 kg	1 hr
Part Number	Product Description	Special Comments		Aircraft Model	Price (USD)
83-2-100-1/2	Cargo Quick-Release Pin Assembly			BO 105	Contact Sales

Maintenance Made Easy

Replacement Fuel Cell

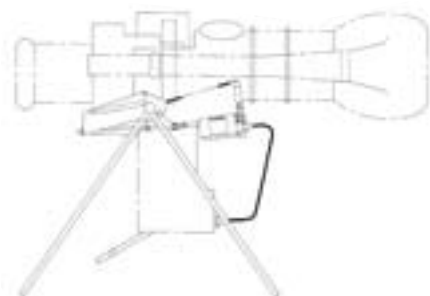
U.S. manufactured Replacement Fuel Cells with improved attachment provisions to prevent fuel cell collapse.



REPLACEMENT FUEL CELL				
Approval	STC Number	A/C Approved	STC Description	
USA	SR09221RC	BO 105	Replacement Fuel Cell	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
10528-404-000-001	Replacement Fuel Cell		0.00 lb / 0.00 kg net weight increase	60 hrs
10528-404-002-001	Fwd Aux Replacement Fuel Cell		0.00 lb / 0.00 kg net weight increase	60 hrs
10528-404-002-003	Main Aux Replacement Fuel Cell		0.00 lb / 0.00 kg net weight increase	60 hrs
10528-404-002-005	Aft Aux Replacement Fuel Cell		0.00 lb / 0.00 kg net weight increase	60 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
10528-404-000-001	Replacement Fuel Cell	One kit completes one aircraft	BO 105	\$39,612
10528-404-002-001	Fwd Aux Replacement Fuel Cell	One kit completes one aircraft	BO 105	\$12,682
10528-404-002-003	Main Aux Replacement Fuel Cell	One kit completes one aircraft	BO 105	\$16,923
10528-404-002-005	Aft Au Replacement Fuel Cell	One kit completes one aircraft	BO 105	\$10,007

Linear Actuator

U.S. Manufactured N2 Linear Actuator that complies with Eurocopter alert service bulletin No. ASB-BO-105-60-106 limiting lower N2 RPM.



LINEAR ACTUATOR				
Approval	STC Number	A/C Approved	STC Description	
USA	SH8445SW	BO 105	Linear Actuator	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description	Kit Weight	Installation Time	
10573-100-001-005	Linear Actuator	0.50 lb / 0.23 kg	1 hr	
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
10573-100-001-005	Linear Actuator		BO 105	Contact Sales

Oil Cooler Fairing

The Oil Cooler Fairing is a direct replacement for the original fairing. Made of a composite material, this fairing is more rugged than the original while offering a substantial cost reduction.

- **Durable**
- **Affordable**



OIL COOLER FAIRING				
Approval	STC Number	A/C Approved	STC Description	
Canada	SH07-47	BO 105	Oil Cooler Fairing	
USA	SH7685SW	BO 105	Oil Cooler Fairing	
EASA	EASA.IM.R.S.01341	BO 105	Oil Cooler Fairing	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
10579-100-001-001	Oil Cooler Fairing		0.50 lb / 0.23 kg	1 hr
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
10579-100-001-001	Oil Cooler Fairing	Composite construction	BO 105	Contact Sales

Misc.

Covers & Socks

- Available in yellow or red

EXHAUST, PITOT AND INLET COVERS

Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
OHSS-105-83105	Cover Set	One kit completes one aircraft. Price is per aircraft	BO 105	\$486
OHSS-105-83106	Pitot Cover	1 per aircraft	BO 105	\$67
OHSS-105-83206	Inlet Cover	1 per aircraft	BO 105	\$177
OHSS-105-83211	Exhaust Cover	1 per aircraft	BO 105	\$299

PMA'D FLOAT COVER ASSEMBLIES

Part Number	Product Description	Kit Weight		Installation Time
OHSS-B0105-1	Float Cover LH	0.00 lb / 0.00 kg net weight increase		Same as OEM
OHSS-B0105-2	Float Cover RH	0.00 lb / 0.00 kg net weight increase		Same as OEM
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
OHSS-B0105-1	Float Cover LH	Replaces D24884-101	B0 105	\$1,445
OHSS-B0105-2	Float Cover RH	Replaces D24884-102	B0 105	\$1,445

MAIN ROTOR BLADE SOCKS

Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
BO105 M/R	Blade Sock	Blade sock only, straps not included. Price is per blade	BO 105	\$100

Introduction

EUROCOPTER EC 145 / BK 117

New and featured accessories for Eurocopter EC 145 and BK 117 Helicopters

- Round-I-Beam™ Skid tubes with Full Length Steel Wearplates
- Roof, Cockpit, Cabin, Passenger and Cargo Replacement Windows
- EC 145 Emergency Float Systems with and without Liferafts
- Dual Engine Cycle Counter



For more information or to place an order, contact:
DART Helicopter Services at 1-800-556-4166 or 1-613-632-3336 or visit:
www.DARThelicopterservices.com

Flotation Equipment

Tri-Bag Emergency Float System with & without Rafts



Each kit includes four floats. Each float is constructed utilizing lightweight urethane-coated nylon fabric. Each float has inlet check valves and combination manual topping/pressure relief valves. All valves are field replaceable. One inflation reservoir and inflation valve is installed on the underside of the fuselage for float inflation. Each kit may also contain one eight-man liferaft with survival kit mounted on each forward float and a liferaft reservoir and inflation valve installed on the underside of the fuselage. The float inflation valve is operated either manually by a pull handle mounted on the cyclic stick or electrically by two water switches mounted on the underside of the fuselage (optional). The liferaft valve is operated manually by one of the 3 T-handles, (one mounted on the center console and two mounted on the Aft landing gear crosstube). The kit also includes inflation hoses, pull cables, miscellaneous clamps, brackets, and mounting hardware associated with installation.

Replacement:	N/A
Floats (Number/Design):	4 (2 Fwd, 2 Aft)/Tri-Bag
Float Inflation Reservoirs (Qty./Type/Gas):	1/Composite Wound/Helium or Nitrogen
Inflation Mechanism:	Mechanical with cyclic mounted lever plus optional automatic 2 sensors electrical back-up
Liferafts (Number/Design):	2/Eight man with survival kits
Liferafts Inflation Reservoirs:	1/Composite Wound/Helium or Nitrogen
Liferafts Inflation Mechanism:	Mechanical from cockpit or 2 externally mounted T-handles
Special Design Features:	Patented integrated Floats/Liferafts. Designed for aircraft water towing at 10 kts for recovery. Designed for use with Float Skid tubes or standard Skid tubes with optional 646.4103 Skid Extension Kit.
Aircraft Limitations:	Maximum altitude for float inflation is 5,000 ft. above landing surface
Max. Airspeed of Inflation:	80 KIAS
Max. Airspeed Floats Inflated:	80 KIAS
Max. Towing Speed:	10 kts
Maintenance / Overhaul:	18 mo. & 3 yrs. inspect and test / 3 yrs. Reservoirs & Liferafts
Exchange Program:	Available for Floats, Liferafts & Reservoir Valve Assemblies.

NEW!

EC 145 TRI-BAG EMERGENCY FLOAT SYSTEM WITH & WITHOUT RAFTS

Approval	STC Number	A/C Approved	STC Description	
USA	Pending	EC 145	Tri-Bag Emergency Float System	
Canada	Pending	EC 145	Tri-Bag Emergency Float System	
EASA	Pending	EC 145	Tri-Bag Emergency Float System	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
646.4101	Tri-Bag Float System with Liferafts		TBD	40 hrs
646.4102	Tri-Bag Float System		TBD	40 hrs
646.4103	Skid Extension Kit		TBD	5 hrs
646.4104	Automatic Electrical Inflation Kit		TBD	10 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
646.4101	Tri-Bag Float System with Liferafts	Price is for complete float system with rafts	EC 145	\$157,080
646.4102	Tri-Bag Float System	Price is for complete float system	EC 145	\$140,333
646.4103	Skid Extension Kit	Allows float installation on standard Skidtubes. Includes LH & RH Extensions	EC 145	\$18,249
646.4104	Automatic Electrical Inflation Kit	Provides water activated back-up inflation system activations.	EC 145	\$18,249

Maintenance Made Easy

Dual Engine Cycle Counter

The most affordable dual engine cycle counter available for Ng (Gas Producer) and Np (Free Turbine) in the industry. Designed to comply with the latest manufacturer cycle counting requirements for the Turbomeca Arriel 1E1-/2 and Honeywell LTS101 series engines.

- Reduced operating costs
- Increased engine cycle life
- High accuracy
- Field programmable
- Easy installation

NEW!



DUAL ENGINE CYCLE COUNTER

Approval	STC Number	A/C Approved	STC Description	
USA	SR00631DE-D	BK 117/A-1/A-3/A-4/B-1/B-2/C-1/C-2	Dual Engine Cycle Counter	
Canada	Pending	BK 117/A-1/A-3/A-4/B-1/B-2/C-1/C-2	Dual Engine Cycle Counter	
EASA	Pending	BK 117/A-1/A-3/A-4/B-1/B-2/C-1/C-2	Dual Engine Cycle Counter	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
BK1172XCC	Dual Engine Cycle Counter		< 2.5 Lb	7-8 Hours
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
BK1172XCC	Dual Engine Cycle Counter		BK 117/A-1/A-3/A-4/ B-1/B-2/C-1/C-2	\$9,495

Skidtubes

DART believed that conventional skidtubes were under-designed for the types of landings most helicopters encounter. Conventional skidtubes are ill-equipped to face the critical loading conditions encountered when landing on uneven ground, rocks, tree roots, and other small objects. Under these conditions, simple round tubes tend to puncture, dent and bend because they cannot maintain their shape.

DART's revolutionary patented Round-I-Beam™ technology combines the conventional round tube with the strength of the I-beam made from 6061-T6 aluminum.

In DART skidtubes, the central I-beam web absorbs most of the impact on landing so the tube maintains its integrity. Even with the addition of a central web, the weight is comparable to that of conventional skidtubes.

The DART Round-I-Beam™ Skidtube was designed to accommodate the extreme conditions involved in military use.

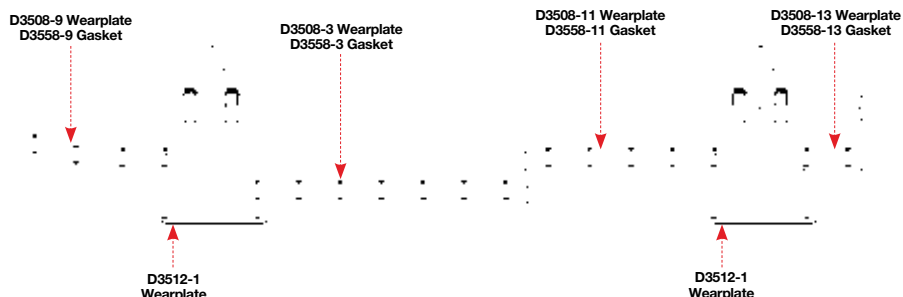


SKIDTUBES				
Approval	STC Number	A/C Approved	STC Description	
Canada	LoA RDIMS-4374899	BK 117A1/A3/A4/B1/B2/C1	D117-762 Approved OEM Replacement Skidtube	
USA	SR01853SE	BK 117A1/A3/A4/B1/B2/C1	D117-762 Approved OEM Replacement Skidtube	
EASA	EASA.IM.R.S.01499	BK 117A3/A4/B1/B2/C1	D117-762 Approved OEM Replacement Skidtube	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D117-762-011	Skidtube BK 117		22.8 lb / 10.4 kg	2 hrs
D117-762-101	Settling Protector Hardware Kit		0.0 net weight increase	Contact Tech Support
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D117-762-011	Skidtube (Fits LH or RH)	Pre drilled for compatibility with Bristol WSPS Kit. Comes with full length Stainless Steel Wearplates.	BK 117	\$6,001
D117-762-101	Settling Protector Hardware Kit	Modifies DART Skidtube D117-762-011 for compatibility with OEM Settling Protector. Price is per Skidtube	BK 117	Contact Sales

DART Stainless Steel Wearplates & Wearpads - Standard

WEARPLATES & WEARPADS FOR STANDARD SKIDTUBES				
Approval				
Please see associated Skidtube approvals				
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D3508-9	Stainless Steel Wearplate Fwd	Stainless Steel constructions, 1 per Skidtube	BK 117	\$216
D3558-9	Gasket Fwd	Installs with D3508-9 Fwd Wearplate, 1 per Skidtube	BK 117	\$21
D3508-3	Stainless Steel Wearplate Fwd Center	Stainless Steel constructions, 1 per Skidtube	BK 117	\$389
D3558-3	Gasket Fwd Center	Installs with D3508-3 Center Fwd Wearplate, 1 per Skidtube	BK 117	\$39
D3508-11	Stainless Steel Wearplate Aft Center	Stainless Steel constructions, 1 per Skidtube	BK 117	\$275
D3558-11	Gasket Aft Center	Installs with D3508-11 Center Aft Wearplate, 1 per Skidtube	BK 117	\$28
D3508-13	Stainless Steel Wearplate Aft	Stainless Steel constructions, 1 per Skidtube	BK 117	\$289
D3558-13	Gasket Aft	Installs with D3508-13 Aft Wearplate, 1 per Skidtube	BK 117	\$21
D3512-1	Stainless Steel Wearplate	Stainless Steel constructions with tungsten carbide welded, located at the Crosstubes, 2 per Skidtube	BK 117	\$321
AELS-1032-130	Rivnut	For Wearplate. Price is per rivnut	BK 117	Contact Sales

Pricing is per Wearpad or Wearplate



- Stainless Steel hardware eases removal for inspection and replacement
- Gaskets eliminate the need for messy sealant

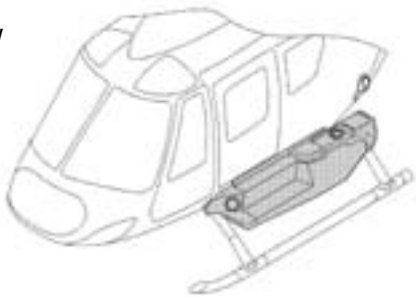
External Fuel Sytem

External Fuel System



With two externally mounted composite Kevlar® Fuel tanks with internal urethane fuel cell construction you now can fly further than before.

- Extends fuel capacity by 76.7 US gallons
- Fuel service port on each side



EXTERNAL FUEL SYSTEM				
Approval	STC Number	A/C Approved	STC Description	
USA	SR09171RC	BK 117 A-1/A-3/A-4/B-1/B-2/C-1	External Fuel System	
United Kingdom	AAN 26182	BK 117 A-1/A-3/A-4/B-1/B-2/C-1	External Fuel System	
Brazil	9804-01	BK 117 A-1/A-3/A-4/B-1/B-2/C-1	External Fuel System	
Germany	RC 1045	BK 117 A-1/A-3/A-4/B-1/B-2/C-1	External Fuel System	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
11728-000-001-001	External Fuel System		241.4 lb / 109.73 kg	135 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
11728-000-001-001	External Fuel System	Center console mounted control panel includes fuel quantity gauge in gallons & kilograms. Optional adjustable scene lights.	BK 117	Contact Sales

Roof, Cockpit, Cabin, Crew, Passenger & Cargo Windows

BK 117 ROOF				
Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
M-BK117-21221-3	L/H Roof Window, Clear	117-21221-1	\$1,425	PQ0327SW
M-BK117-21221-4	R/H Roof Window, Clear	117-21221-2	\$1,425	PQ0327SW
M-BK117-21221-5	L/H Roof Window, Green	117-21221-1	\$1,438	PQ0327SW
M-BK117-21221-6	R/H Roof Window, Green	117-21221-2	\$1,438	PQ0327SW
M-BK117-21221-7	L/H Roof Window, Grey	117-21221-1	\$1,317	PQ0327SW
M-BK117-21221-8	R/H Roof Window, Grey	117-21221-2	\$1,317	PQ0327SW
M-BK117-21221-9	L/H Roof Window, Blue	117-21221-1	\$1,317	PQ0327SW
M-BK117-21221-10	R/H Roof Window, Blue	117-21221-2	\$1,317	PQ0327SW
BK 117 COCKPIT				
Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
M-BK117-21100-1	L/H Cockpit Lower Assy	117-21181-1	\$1,329	PQ0327SW
M-BK117-21100-2	R/H Cockpit Lower Assy	117-21181-2	\$1,329	PQ0327SW
BK 117 CABIN				
Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
M-BK117-22500-1	L/H Cabin with Slide, Clear	117-22522-01	\$1,317	PQ0327SW
M-BK117-22500-2	R/H Cabin with Slide, Clear	117-22522-02	\$1,317	PQ0327SW
M-BK117-22500-11	Replacement Slide	Std. Assembly	\$210	PQ0327SW
M-BK117-22500-12	Replacement Slide	Std. Assembly	\$210	PQ0327SW
M-BK117-22500-17	L/H Cabin Clear	117-22522-01	\$822	PQ0327SW
M-BK117-22500-18	R/H Cabin Clear	117-22522-02	\$822	PQ0327SW
M-BK117-22500-21	L/H Cabin with Slide, Gray	117-22522-01	\$1,317	PQ0327SW
M-BK117-22500-22	R/H Cabin with Slide, Gray	117-22522-02	\$1,317	PQ0327SW
M-BK117-22500-27	L/H Cabin Gray	117-22522-01	\$822	PQ0327SW
M-BK117-22500-28	R/H Cabin Gray	117-22522-02	\$822	PQ0327SW
BK 117 CREW				
Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
M-BK117-24100-1	L/H Crew with Slide, Clear	117-24164-1	\$1,631	PQ0327SW
M-BK117-24100-2	R/H Crew with Slide, Clear	117-24164-2	\$1,631	PQ0327SW
M-BK117-24100-55	Replacement Slide	Std. Assembly	\$255	PQ0327SW
M-BK117-24100-56	Replacement Slide	Std. Assembly	\$255	PQ0327SW
M-BK117-24100-16	R/H Retainer	Nordam Design	Contact Sales	PQ0327SW
M-BK117-24100-17	L/H Clear	Nordam Design	Contact Sales	PQ0327SW
MBK117-24100-20	R/H Crew with Slide, Gray	117-24164-2	\$1,631	PQ0327SW
MBK117-24100-21	L/H Crew with Slide, Gray	117-24164-1	\$1,631	PQ0327SW
M-BK117-24100-27	L/H Crew, Gray	117-24164-1	\$1,160	PQ0327SW
BK 117 PASSENGER				
Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
M-BK117-24200-1	L/H Passenger with Slide, Clear	117-24232-1	\$1,631	PQ0327SW
M-BK117-24200-2	R/H Passenger with Slide, Clear	117-24232-2	\$1,631	PQ0327SW
M-BK117-24200-61	Replacement Slide	Std. Assembly	\$210	PQ0327SW
M-BK117-24200-62	Replacement Slide	Std. Assembly	\$210	PQ0327SW
M-BK117-24200-3	L/H Passenger, Clear	117-24232-1	\$1,148	PQ0327SW
M-BK117-24200-4	R/H Passenger, Clear	117-24232-2	\$1,148	PQ0327SW
MBK117-24200-22	R/H Passenger with Slide, Gray	117-24232-2	\$1,631	PQ0327SW
MBK117-24200-23	L/H Passenger with Slide, Gray	117-24232-1	\$1,631	PQ0327SW
M-BK117-24200-28	R/H Passenger, Gray	117-24232-2	\$1,148	PQ0327SW
M-BK117-24200-29	L/H passenger, Gray	117-24232-1	\$1,148	PQ0327SW

Does not include hardware. Replacement window only.

Windows**Crew, Passenger & Cargo Door Windows
Side Panel Windows, Aft Cabin Windows****BK 117 WINDOW KITS**

Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
M-BK117-24201-1	L/H Window Assy with Slide and Interior Close-out Fairing	Nordam Design	\$1,594	PQ0327SW
M-BK117-24201-2	R/H Window Assy with Slide and Interior Close-out Fairing	Nordam Design	\$1,594	PQ0327SW
M-BK117-24201-9	L/H Retainer Frame	Nordam Design	\$773	PQ0327SW
M-BK117-24201-10	R/H Retainer Frame	Nordam Design	\$773	PQ0327SW
M-BK117-24201-11	L/H Seal Attachment	Nordam Design	\$276	PQ0327SW
M-BK117-24201-12	R/H Seal Attachment	Nordam Design	\$276	PQ0327SW
M-BK117-24201-18	R/H Window Slide	Nordam Design	\$276	PQ0327SW
M-BK117-24201-19	L/H Window Slide	Nordam Design	\$276	PQ0327SW
M-BK117-24203-11	L/H Seal	Nordam Design	\$254	PQ0327SW
M-BK117-24203-12	R/H Seal	Nordam Design	\$254	PQ0327SW
M-BK117-24203-13	L/H Window Slide	Nordam Design	\$277	PQ0327SW
M-BK117-24203-14	R/H Window Slide	Nordam Design	\$277	PQ0327SW

BK 117 PASSENGER & AFT CABIN WINDOWS

Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
MBK117-24201-53	L/H QRX Passenger Kit	Nordam Design	\$2,198	PQ0327SW
MBK117-24201-54	R/H QRX Passenger Kit	Nordam Design	\$2,198	PQ0327SW
M-BK117-24203-1	L/H QRX Aft Cabin Window Kit	Nordam Design	\$2,512	PQ0327SW
M-BK117-24203-2	R/H QRX Aft Cabin Window Kit	Nordam Design	\$2,512	PQ0327SW

Does not include hardware. Replacement window only.

PLASTIC CLEANER

Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
FP006	NORDAM 210 Cleaner	Price is per 14 fl. Oz. Bottle. Sold in cases of 12 bottles.	ALL	Contact Sales

EUROCOPTER OTHER

New and featured accessories for other Eurocopter Helicopters

- SA 315 Round-I-Beam™ Skidtubes
- SA 315 Bearpaws
- AS 332 Replacement Cylindrical Emergency Floats
- Windows, Door Panels and Bubble Assemblies for Alouette III, Dauphin and Lama helicopters



For more information or to place an order, contact:
DART Helicopter Services at 1-800-556-4166 or 1-613-632-3336 or visit:
www.DARThelicopterservices.com

SA 315 Skidtubes

DART believed that conventional skidtubes were under-designed for the types of landings most helicopters encounter. Conventional skidtubes are ill-equipped to face the critical loading conditions encountered when landing on uneven ground, rocks, tree roots, and other small objects. Under these conditions, simple round tubes tend to puncture, dent and bend because they cannot maintain their shape.

DART's revolutionary patented Round-I-Beam™ technology combines the conventional round tube with the strength of the I-beam made from 6061-T6 aluminum.

In DART skidtubes, the central I-beam web absorbs most of the impact on landing so the tube maintains its integrity. Even with the addition of a central web, the weight is comparable to that of conventional skidtubes.

The DART Round-I-Beam™ Skidtube was designed to accommodate the extreme conditions involved in military use.

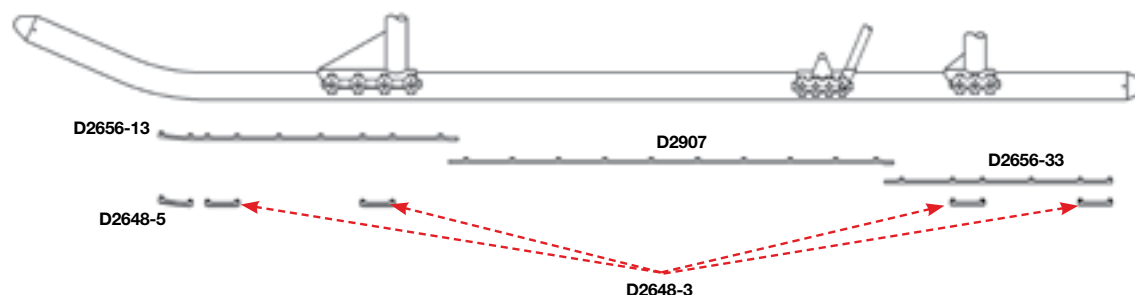


SA 315 SKIDTUBES				
Approval	STC Number	A/C Approved	STC Description	
USA	SR00848SE	SA 315B	D315-668 Approved OEM Replacement Skidtube	
Canada	LoA P-01-0015	SA 315B	D315-668 Approved OEM Replacement Skidtube	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D315-668-011	Skidtube LH		19.80 lb / 9.00 kg	2 hrs
D315-668-012	Skidtube RH		19.80 lb / 9.00 kg	2 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D315-668-011	Skidtube LH	Comes complete with full length Carbon Steel Wearplates & tungsten carbide welded Wearpads	SA 315B	\$5,255
D315-668-012	Skidtube RH	Comes complete with full length Carbon Steel Wearplates & tungsten carbide welded Wearpads	SA 315B	\$5,255

SA 315 DART Carbon Steel Wearplates & Wearpads - Standard

WEARPLATES & WEARPADS FOR STANDARD SKIDTUBES				
Approval				
Please see associated Skidtube approvals				
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D2648-3	Wearpad	Carbon Steel construction, tungsten carbide welded, 4 per Skidtube, located Aft of upward curve of Skidtube	SA 315B	\$158
D2648-5	Wearpad	Carbon Steel construction, tungsten carbide welded, 1 per Skidtube, located on Fwd upward curve of Skidtube	SA 315B	\$160
D2656-13	Wearpad Fwd	Carbon Steel construction, 1 per Skidtube	SA 315B	\$279
D2656-33	Wearplate Aft	Carbon Steel construction, 1 per Skidtube	SA 315B	\$279
D2907	Wearplate Center	Carbon Steel construction, 1 per Skidtube	SA 315B	\$288
ALS7-1032-130	Rivnut	For wearplate & wearpad installation. Price is per rivnut	SA 315B	Contact Sales

Pricing is per Wearpad or Wearplate



Bearpaws

SA 315 Bearpaws

Secure Landings

For as long as helicopters have been in operation, soft terrain landings have created problems for pilots. Without Bearpaws, you may have experienced balancing problems when landing or taking off in soft terrain such as tundra, snow, or sand.

DART Bearpaws are constructed of a high density polymer, not plywood, aluminum or composite. This polymer resists cracking, chipping and breaking. The one-piece machined construction ensures consistent and deliberate load transfer. The material is also flexible, so it can deflect under high-point contact loads when landing on rocks or roots, and DART Bearpaws have an inherent memory so they return to their original shape upon take off.

Why purchase DART bearpaws?

- Lightweight
- Easy to install
- High strength polymer with memory, deflects under critical point loading without failure and returns to original shape when unloaded

SA 315 BEARPAWS				
Approval	STC Number	A/C Approved	STC Description	
Canada	LoA 120S-GA-08-55	SA 315B	UHMW Polymer Bearpaw	
USA	SR00914SE	SA 315B	UHMW Polymer Bearpaw	
Austria	ACG.21NE.105	SA 315B	UHMW Polymer Bearpaw	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description		Kit Weight	Installation Time
D315-670-011	Bearpaw Kit		12.50 lb / 5.67 kg	2 hrs
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
D315-670-011	Bearpaw Kit	For soft or uneven terrain landings. Price is per aircraft	SA 315	\$2,602



D315-670-011

AS 332 Replacement Cylindrical Emergency Floats



A ship set of replacement floats consists of three float bags. Each unit is constructed utilizing a lightweight urethane coated nylon fabric. Each float has five compartments and an inlet check valve, pressure relief valve and a topping valve in each compartment except the center compartment of the nose float which has two inlet check valves. Attachment strips (girts) and webbing straps are bonded to the floats, and are bolted or tied to attachment points on a container which is in turn bolted to the airframe. The nose float is mounted to a U-shaped container with cover mounted externally under the nose. The main floats are mounted to containers mounted on the ends of the main landing gear pylons.

Replacement:	Aerazur 158520 Fwd Float, Aerazur 158565, 158566 Aft Floats
Floats (Number/Design):	3(1 Fwd, 2 Aft)/Cylindrical
Float Inflation Reservoirs (Qty./Type/Gas):	N/A
Inflation Mechanism:	N/A
Liferafts Inflation Reservoirs:	N/A
Liferafts Inflation Mechanism:	N/A
Special Design Features:	Intermix with Aerazur floats is acceptable
Aircraft Limitations:	No change
Max. Airspeed of Inflation:	No change
Max. Airspeed Floats Inflated:	No change
Max. Towing Speed:	N/A
Maintenance / Overhaul:	Annual & 3 yrs. inspect and test / N/A
Exchange Program:	Available for Floats

AS 332 REPLACEMENT CYLINDRICAL EMERGENCY FLOATS

Approval	STC Number	A/C Approved	STC Description	
USA	SR01420LA	AS 332C/L/L1	Replacement Cylindrical Emergency Floats	
Canada	P-06-0309	AS 332C/L/L1	Replacement Cylindrical Emergency Floats	
EASA	EASA.IM.R.S.01227	AS 332C/L/L1	Replacement Cylindrical Emergency Floats	
New approvals are continually being added; if you do not see your required approval, contact your DART sales office to verify the status.				
Part Number	Product Description	Kit Weight		Installation Time
20729-100	Replacement Emergency Float Fwd	0.00 lb / 0.00 kg net weight increase over OEM		10 hrs
20730-100	Replacement Emergency Float Aft LH	0.00 lb / 0.00 kg net weight increase over OEM		10 hrs
20730-200	Replacement Emergency Float Aft RH	0.00 lb / 0.00 kg net weight increase over OEM		10 hrs
20330-2	Replacement Cylinder	0 lb / 0 kg net weight increase over OEM		1 hr
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
20729-100	Replacement Emergency Float Fwd	Replaces Aerazur Fwd float (15820). Approved for intermix with Aerazur floats. Price is per float	AS 332C/L/L1	\$24,255
20730-100	Replacement Emergency Float Aft LH	Replaces Aerazur Aft float (158565). Approved for intermix with Aerazur floats. Price is per float	AS 332C/L/L1	\$21,840
20730-200	Replacement Emergency Float Aft RH	Replaces Aerazur Aft float (158566). Approved for intermix with Aerazur floats. Price is per float	AS 332C/L/L1	\$21,840
20330-2	Replacement Cylinder	STC SR01420LA Aerazur 962006	AS 332C/L/L1	\$5,775

Windows

Lower, Upper & Overhead Windows, Door Panels and Bubble Assembly

EUROCOPTER/AEROSPATIALE ALOUETTE III LOWER, UPPER & OVERHEAD WINDOWS				
Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
P3160-1	L/H Lower Fwd Window	3160S25-11-265/-325	\$1,121	PQ0327SW
P3160-2	R/H Lower Fwd Window	3160S25-11-265/-326	\$1,121	PQ0327SW
P3160-3	L/H Upper Fwd Window	3160S25-11-263/-323	\$1,121	PQ0327SW
P3160-4	R/H Upper Fwd Window	3160S25-11-264/-324	\$1,121	PQ0327SW
P3160-5	L/H Overhead Window	3160S25-11-261/-321	\$809	PQ0327SW
P3160-6	R/H Overhead Window	3160S25-11-262/-322	\$809	PQ0327SW
P3160-7	Center Upper Fwd Window	3160S25-11-267/-327	\$994	PQ0327SW
P3160-8	Center Lower Fwd Window	3160S25-11-268/-328	\$994	PQ0327SW

EUROCOPTER/AEROSPATIALE ALOUETTE III DOOR, AFT, SLIDING & BUBBLE WINDOWS				
Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
P3160-9	L/H Rear Door	3160S25-11-286/-346	\$763	PQ0327SW
P3160-10	R/H Rear Door	3160S25-11-291/-361	\$763	PQ0327SW
P3160-11	L/H Upper Fwd Door	3160S25-11-271/-331	\$636	PQ0327SW
P3160-12	R/H Upper Fwd Door	3160S25-11-281/-341	\$636	PQ0327SW
P3160-13	L/H Center Aft	3160S25-11-273-01/-333-01	\$636	PQ0327SW
P3160-14	R/H Center Aft	3160S25-11-283-01/-343-01	\$636	PQ0327SW
P3160-15	L/H Sliding Window	3160S25-11-272-01/-332-01	\$763	PQ0327SW
P3160-16	R/H Sliding Window	3160S25-11-282-01/-342-01	\$763	PQ0327SW
P3160-17	L/H Lower Door	3160S25-11-274/-334	\$763	PQ0327SW
P3160-18	R/H Lower Door	3160S25-11-284/-344	\$763	PQ0327SW

EUROCOPTER/AEROSPATIALE ALOUETTE II / LAMA LOWER, UPPER, OVERHEAD & REAR CORNER WINDOWS				
Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
P3180-1	L/H Lower Fwd Window	3180D25-10-221/-231	\$948	PQ0327SW
P3180-2	R/H Lower Fwd Window	3180D25-10-222/-232	\$948	PQ0327SW
P3180-3	L/H Upper Fwd Window	3180D25-10-223/-233	\$1,121	PQ0327SW
P3180-4	R/H Upper Fwd Window	3180D25-10-224/-234	\$1,121	PQ0327SW
P3180-5	L/H Overhead Window	3180S25-10-225/-235	\$1,121	PQ0327SW
P3180-6	R/H Overhead Window	3180S25-10-226/-236	\$1,121	PQ0327SW
P3180-7	L/H Rear Corner Window	3180S25-10-227/-237	\$867	PQ0327SW
P3180-8	R/H Rear Corner Window	3180S25-10-288/-238	\$867	PQ0327SW

EUROCOPTER/AEROSPATIALE ALOUETTE II / LAMA UPPER & LOWER DOORS				
Part Number	Product Description	O.E.M. Part Number	Price (USD)	PMA Number
P3180-9	L/H Upper Door Window with Slide	3180S28-10-231/-236	\$1,422	PQ0327SW
P3180-13	L/H Upper Door Window	3180S28-10-231/-236	\$763	PQ0327SW
P3180-14	R/H Upper Door Window	3180S28-10-241/-246	\$763	PQ0327SW
P3180-15	L/H Lower Door Window	3180S28-10-232/-237	\$763	PQ0327SW
P3180-16	R/H Lower Door Window	3180S28-10-242/-247	\$763	PQ0327SW

Does not include hardware. Replacement window only.

PLASTIC CLEANER				
Part Number	Product Description	Special Comments	Aircraft Model	Price (USD)
FP006	NORDAM 210 Cleaner	Price is per 14 fl. Oz. Bottle. Sold in cases of 12 bottles.	ALL	Contact Sales



DART Helicopter Services, LLC

P.O. Box 430, Piney Flats, TN 37686

Sales Office

1-800-556-4166 or 1-613-632-3336

Fax: 1-613-632-4443

Email: sales@darthelicopterservices.com

Prices shown in the catalog are in US dollars and are subject to change without notice.
For more information on DART Helicopter Services and the most current pricing and product updates,
please visit our website:

www.darthelicopterservices.com



For more information or to place an order call

1-800-556-4166 or 1-613-632-3336

or visit us at

www.darthelicopterservices.com