



H120

Options Catalogue

Supplement Type Certificates

H120



H120 SETTILING PROTECTORS KIT



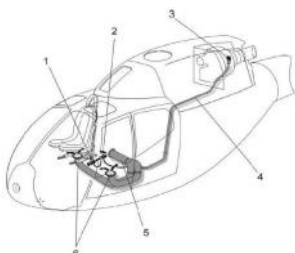
H120 CABLE CUTTER INSTALLATION



H120 R/H DOOR HANDLE



H120 FLIR 8000



H120 IMPROVED HEATING SYSTEM



H120 SX16 SEARCHLIGHT INSTALLATION

ADDITIONAL HI 20 OPTIONS

DESCRIPTION	APPROVALS	PART NUMBER
Longline Release/Plug 50A	*FAA *TCCA	I20-922034-01
Longline Release/Plug 50A/Carousel	*FAA *TCCA	I20-922034-02

*Individual approval under Field Approval

**Individual approval under Specified data

Order Information

Orders can be placed by:

Canada

Email: options@eurocopter.ca

Telephone: +1 (905) 871-7772

Fax: +1 (905) 871-3599

USA

Telephone: +1 800-COPTER-1

Fax: +1 (972) 641-3775

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Optional Equipment

Product Description

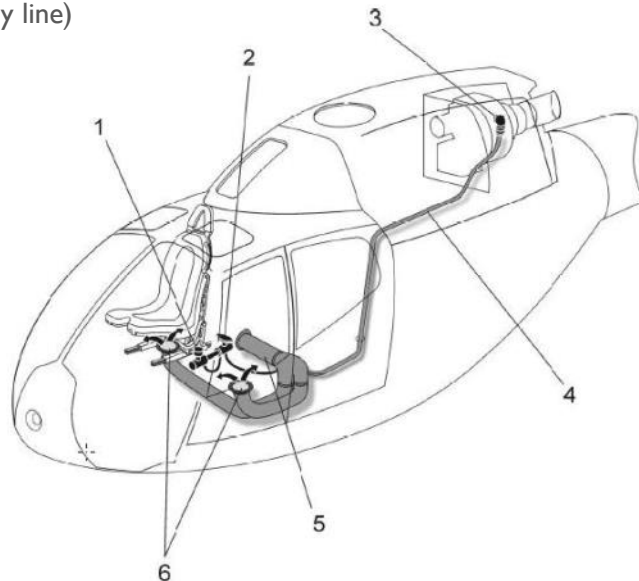
HI 20

IMPROVED HEATING SYSTEM

The Improved Heating System provides additional hot air from under the cabin floor for additional heating capability. Heat ducts direct warm air to two outlets in the cabin floor under the pilot and co-pilot seats. Heating is either open or closed via air flow command located between the forward seats. Cabin temperature is regulated by adjusting the standard heating system.

This installation consists of:

- Additional P2 lines (engine compressor supply line)
- Airflow control valve
- Diffuser and under-floor heating duct
- Two cabin outlets



- 1 - Heating system opening tap
- 2 - Lever of air flow command
- 3 - P2 pick- up
- 4 - Pipe
- 5 - Induction tube
- 6 - Heating outlets under forward seats

Benefits

- Additional heating capabilities for customers operating in extreme weather conditions
- Enhanced comfort for the pilot and passengers

Optional Equipment

Technical Information

HI20**IMPROVED HEATING SYSTEM**

Mass (kg)	9.2 (20.3 lb)
Arm (m)	3.2
Approvals	Canada, USA
Material	Composites (various)
Part Number	120-701014
Operational Limitations	Please refer to FMS (Flight Manual Supplement)
Retrofit Information	TCCA# SH02-39 FAA# SR01892NY Supplied by Airbus Helicopters Canada Retrofit can be performed at customer's facility

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Optional Equipment

Product Description

H120

RIGHT HAND DOOR HANDLE

The optional Door Handle installation eases closing the pilot's door from the pilot and/or rear passenger seating position, allowing for an enhanced grip and arm movement.



Benefits

- Light weight PEI door handle
- Eases closing the pilot's door

Optional Equipment

Technical Information

HI20**RIGHT HAND DOOR HANDLE**

Mass (kg)	0.37 (0.81 lb)
Arm (m)	2.97
Approvals	Canada, USA, EASA
Material	High Performance Thermoplastic PEI
Part Number	120-200014
Retrofit Information	TCCA# SH12-9 FAA# SR03243NY EASA# 10043307 Supplied by Airbus Helicopters Canada. Retrofit can be performed at customer's facility

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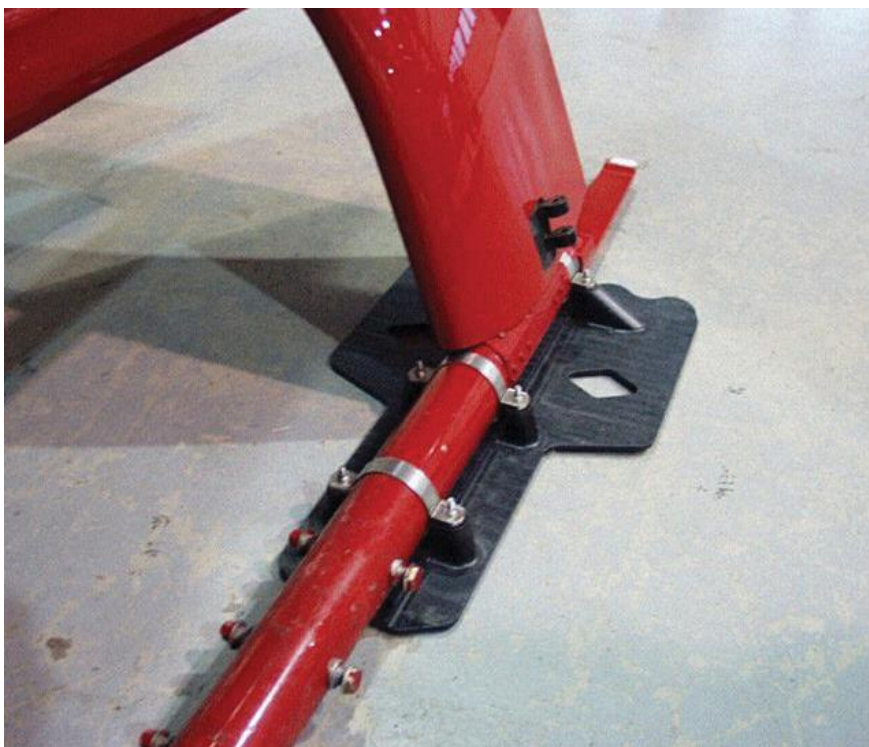
Optional Equipment

Product Description

HI20

SETTLING PROTECTORS

Settling Protectors help guard against sinking into snow and soft ground. The settling protectors are comprised of LH and RH pads which attach to the aft end of the landing gear skid tubes.



Benefits

- Maintains tail rotor (Fenestron) ground clearance
- Easy installation and removal
- Lightweight
- Competitively priced

Optional Equipment

Technical Information

HI20**SETTLING PROTECTORS**

Mass (kg)	4.53 (9.98 lb)
Arm (m)	4.70
Approvals	Canada, USA
Material	UHMW Polyethylene
Part Number	I20-500214-02
Retrofit Information	TCCA# SH00-30 FAA# SR01245NY Supplied by Airbus Helicopters Canada . Retrofit can be performed at customer's facility

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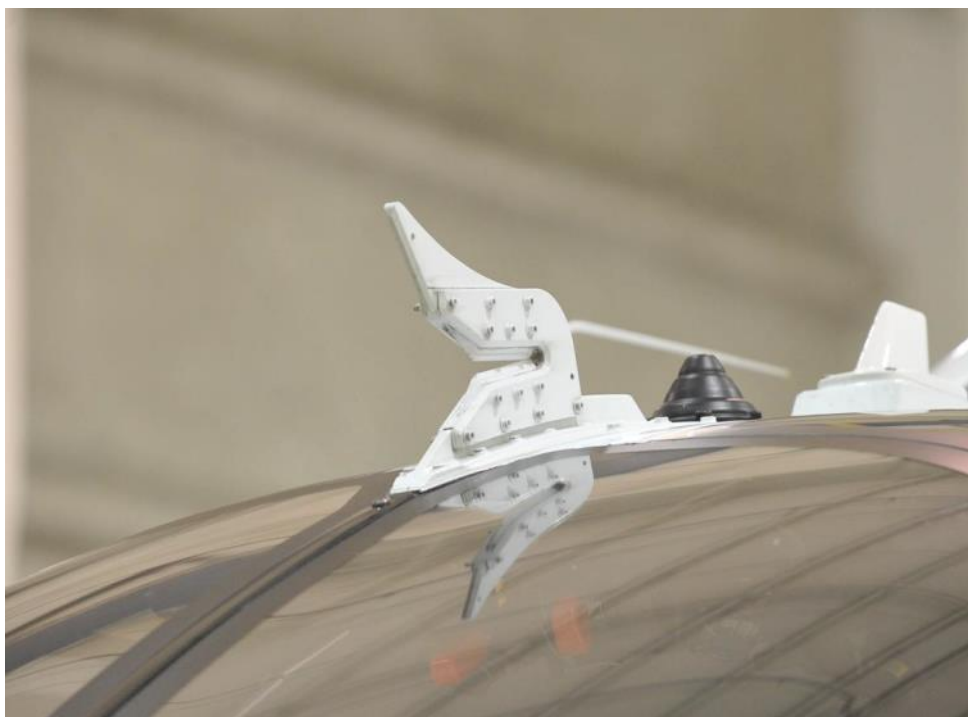
Optional Equipment

Product Description

HI20

CABLE CUTTER INSTALLATION

The Cable Cutters offer a measure of protection against impacting horizontally strung cables. The cable-cutters are installed on the lower and upper canopy. This installation is highly recommended by Airbus Helicopters for the improved safety of passengers and crew.



Benefits

- Protection against cable strike
- Improved safety for pilot and passengers
- No additional maintenance
- Lightweight installation



Optional Equipment

Technical Information

HI20**CABLE CUTTER INSTALLATION**

Mass (kg)	4.58 (10.09 lb)
Arm (m)	2.02
Approvals	Airbus Helicopters SB
Material	Steel Blades, Aluminum Structure
Part Number	SB25-013
Retrofit Information	Please contact Airbus Helicopters Canada.

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Optional Equipment

Product Description

H120**FLIR 8000 SERIES**

The FLIR 8000 Series infrared camera meets the multi-role mission requirements of today's busy law enforcement, border control, as well as search and rescue organizations. The lightweight, dual-sensing gimbal is designed to enhance high-altitude, long-range search and surveillance mission capabilities.

**Benefits**

- Increased surveillance mission capabilities
- Easy to install / remove
- Infra-red image
- TV camera for day and night
- Zoom in / out performance
- Easy control and display
- Compact, light and stable



Optional Equipment

Technical Information

HI20**FLIR 8000 SERIES**

Mass (kg)	10.6 (23.4 lb) Fixed equipment 13.1 (28.9 lb) Detachable equipment, gimbal Assy 23.7 (52.2 lb) Total
Arm (m)	4.08 (Fixed equipment) 1.73 (Detachable equipment, gimbal Assy) 2.78 (Total)
Approvals	Canada, USA
Part Number	120-901814
Effect on Flight Performance	Vne limited to 130 KIAS with FLIR Gimbal installed. OAT for FLIR operation -20c to 50c. Maximum altitude for camera operation 10,000 ft.
Retrofit Information	TCCA# SH05-47 FAA# SR02244NY Supplied by Airbus Helicopters Canada . Retrofit can be performed at customer maintenance shop

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Optional Equipment

Product Description

HI20**AIRFRAME HOURMETER**

The airframe hourmeter monitors and displays elapsed airborne time of the aircraft. This collective-activated hourmeter allows the operator to accurately record aircraft hours. In addition to the collective activated switch the hourmeter is connected to the MGB oil pressure sensor. The system requires both MGB oil pressure and up collective to activate the hour meter.

**Benefits**

- Indicates operating time in hours and tenths,
- Has a running indicator
- Activated upon take-off
- Improved maintenance efficiency

Optional Equipment

Technical Information

HI20**AIRFRAME HOURMETER**

Mass (kg)	Negligible
Arm (m)	Negligible
Approvals	Canada, USA
Part Number	I20A73-0002-02
Retrofit Information	TCCA, FAA# SR09109RC-D Supplied by Airbus Helicopters. Retrofit can be performed at customer maintenance shop

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Optional Equipment

Product Description

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SX16 SEARCHLIGHT INSTALLATION

The Spectrolab SX-16 Nightsun® is a high-intensity (30-40 million candlepower) searchlight located on the LH side of the helicopter. The light and gimbal are mounted using a quick release dovetail assembly for fast, tool free installation and removal.



Specifications

- Vertical: 0° up to 47° down
- Horizontal: 30° right to 90° left
- Beam width (focus): 4° to 20°
- Lamp power output: 1600W/30 Million Cd
- Voltage: 28 VDC

Optional Equipment

Technical Information

HI20**SX16 SEARCHLIGHT INSTALLATION**

Mass (kg)	14.1 (31.1 lb) Fixed equipment 19.2 (42.3 lb) Detachable equipment, light 33.3 (73.4 lb) Total
Arm (m)	4.61 (Fixed equipment) 4.66 (Detachable equipment, light) 4.64 (Total)
Approvals	Canada, USA
Part Number	120-901234
Effect on Flight Performance	Airspeed limitation reduces Vne by 20 Kts. Speed reduction of 3kts per 1000 ft. of altitude. Reduction of 100ft per minute for climb.
Retrofit Information	TCCA# SH03-15 FAA# SR01701NY Supplied by Airbus Helicopters Canada. Retrofit can be performed at customer maintenance shop

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