

I. Model EC135 P1 (Normal Category) Helicopter, Approved July 31, 1996. (cont'd)

Straight line variation between points given.

Lateral C.G. Limits

Max. deviation 100 mm (3.94 in.) left or right of the fuselage median plane.

<u>Empty Weight C.G. Range.</u>	None
<u>Max. Weight.</u>	2720 kg (5996 lb) (Max GW 2835 kg (6250 lb) with S/B EC135-11-003 incorporated. See FMS 9.1-3)
<u>Min. Crew.</u>	1 Pilot
<u>Passengers.</u>	6 (or 7 if the kit described in FMS 9.2-31 is installed and operated)
<u>Max. Baggage.</u>	Max. permissible floor loading: 600 kg/m ² (123 lb/sq. ft.) Max. loading: 1130 kg (2491 lb)
<u>Fuel Capacity.</u>	total: 680 liter (179.6 US gal.) (standard fuel tank) usable: 670.5 liter (177.1 US gal.) (standard fuel tank) total: 673.4 liter (177.9 US gal.) (self sealing fuel tank) usable: 664 liter (175.4 US gal.) (self sealing fuel tank)
<u>Oil Capacity.</u>	Engine oil capacity: 4.5 liter (1.19 US gal.) included in minimum gross weight
<u>Max. Operating Altitude.</u>	6096 m (20000 ft)
<u>Rotorblade and Control Movements.</u>	For rigging information refer to the EC135 Maintenance Manual.

II. Model EC135 T1 (Normal Category) Helicopter, Approved September 17, 1996.

<u>Engines.</u>	2 Turbomeca ARRIUS 2B1/2B1A/2B1A1
<u>Fuel.</u>	See Rotorcraft Flight Manual

Installed Engine Limits (ARRIUS 2B1) – See NOTE 1

	<u>Output Shaft Torque %</u>	<u>Gas Generator Speed N-1 % (RPM)</u>	<u>Output Shaft Speed N-2 % (RPM)</u>	<u>Measured Gas Temperature °C (°F)</u>
<i>Normal Operation</i>				
Takeoff power (5 min.)	75	101.1 (54706)	104 (6134)	895 (1643)
Max Continuous	69	98.7 (53406)	104 (6134)	855 (1571)
<i>One Engine Inoperative</i>				
2.5 min. power	100	103.7 (56113)	104 (6134)	945 (1733)
Max. Continuous	86	101.1 (54706)	104 (6134)	895 (1643)

See Rotorcraft Flight Manual for other limitations including speed and temperature transients

Installed Engine Limits (ARRIUS 2B1A) – (After SB EC135-71-008. See FMS 9.2-57).

	<u>Output Shaft Torque %</u>	<u>Gas Generator Speed N-1 % (RPM)</u>	<u>Output Shaft Speed N-2 % (RPM)</u>	<u>Measured Gas Temperature °C (°F)</u>
<i>Normal Operation</i>				
Takeoff power (5 min.)	75	101.1 (54706)	104 (6134)	895 (1643)
Max Continuous	69	98.7 (53406)	104 (6134)	855 (1571)

II. Model EC135 T1 (Normal Category) Helicopter, Approved September 17, 1996. (cont'd)One Engine Inoperative

2.5 min. power	119.8	103.7 (56113)	104 (6134)	945 (1733)
Max. Continuous	86	101.1 (54706)	104 (6134)	895 (1643)

See Rotorcraft Flight Manual for other limitations including speed and temperature transients

Installed Engine Limits (ARRIUS 2B1A 1) – (S/N 0188 and Subsequent or After SB EC135-71-015. See FMS 9.2-62).

	Output Shaft Torque %	Gas Generator Speed N-1 % (RPM)	Output Shaft Speed N-2 % (RPM)	Measured Gas Temperature °C (°F)
<u>Normal Operation</u>				
Takeoff power (5 min.)	75	101.1 (54706)	104 (6134)	895 (1643)
Max Continuous	69	98.7 (53406)	104 (6134)	855 (1571)
<u>One Engine Inoperative</u>				
2.5 min. power	128	103.7 (56113)	104 (6134)	945 (1733)
Max. Continuous	86	101.1 (54706)	104 (6134)	895 (1643)

See Rotorcraft Flight Manual for other limitations including speed and temperature transients

<u>Rotor Limits.</u>	<u>Power On %</u>	<u>Power Off %</u>
Min. Continuous	95	80 for gross mass up to 1900 kg (4189 lb) 85 for gross mass above 1900 kg (4189 lb)
Max. Continuous	104	106

Airspeed Limits (IAS). Max. V_{NE} = 155 kts. See Rotorcraft Flight Manual for airspeed limit decrease with outside air temperature and altitude.

C.G. Range. *Longitudinal C.G. Limits*
 max. forward range: at 1840 kg (4057 lb): 4180 mm (164.6 in.) aft of datum
 at 2720 kg (5996 lb): 4219 mm (166.1 in.) aft of datum
 at 2835 kg (6250 lb): 4224 mm (166.3 in.) aft of datum
 max. rearward range: at 1500 kg (3307 lb): 4570 mm (179.90 in.) aft of datum
 at 2720 kg (5996 lb): 4387 mm (172.72 in.) aft of datum
 at 2835 kg (6250 lb): 4369 mm (172.0 in.) aft of datum

Straight line variation between points given.

Lateral C.G. Limits
 Max. deviation 100mm (3.94 in.) left or right of the fuselage median plane.

Empty Weight C.G. Range None

Maximum Weight. higher 2720 kg (5996 lb) (Max GW 2835 kg (6250 lb) with S/B EC135-11-003 R01 or incorporated. See FMS 9.1-3)

Minimum Crew. 1 Pilot

Passengers. 6 (or 7 if the kit described in FMS 9.2-31 is installed and operated)

Max. Baggage. Max. permissible floor loading: 600 kg/m² (123 lb/sq. ft.)
 Max. loading: 1130 kg (2491 lb)

Fuel Capacity. total: 680 liter (179.6 US gal.) (standard fuel tank)
 usable: 670.5 liter (177.1 US gal.) (standard fuel tank)
 total: 673.4 liter (177.9 US gal.) (self sealing fuel tank)
 usable: 664 liter (175.4 US gal.) (self sealing fuel tank)

II. Model EC135 T1 (Normal Category) Helicopter, Approved September 17, 1996. (cont'd)

<u>Oil Capacity.</u>	Engine oil capacity: 4.85 liter (1.28 US gal.) included in minimum gross weight
<u>Maximum Operating Altitude.</u>	6096 m (20000 ft)
<u>Rotorblade and Control Movements.</u>	For rigging information refer to the EC135 Maintenance Manual.

III. Model EC135 P2 (Normal Category) Helicopter, Approved September 6, 2001.

The Model EC 135 P2 is the same as the EC 135P1 except for the installation of the Pratt & Whitney PW206B2 engine which includes new OEI power ratings.

Engines. 2 Pratt & Whitney Canada PW 206 B2

Fuel. See Rotorcraft Flight Manual

<u>Installed Engine Limits.</u>	Output Shaft Torque %	Gas Generator	Output Shaft	Measured Gas
		Speed N-1 % (RPM)	Speed N-2 % (RPM)	Temperature °C (°F)
<i>Normal Operation</i>				
Takeoff power (5 min.)	75	98.7 (57250)	104 (6165)	869 (1596)
Max Continuous	69	97.4 (56500)	104 (6165)	835 (1535)
<i>One Engine Inoperative</i>				
30 sec. power	128	104.3 (60500)	104 (6165)	990 (1814)
2 min. power	125	102.6 (59500)	104 (6165)	950 (1742)
Max. Continuous	86	100.4 (58250)	104 (6165)	900 (1652)

See Rotorcraft Flight Manual for other limitations including speed and temperature transients

<u>Rotor Limits.</u>	<u>Power On %</u>	<u>Power Off %</u>
Min. Continuous	97	80 for gross mass up to 1900 kg (4189 lb) 85 for gross mass above 1900 kg (4189 lb)
Max. Continuous	104	106

Airspeed Limits (IAS). Max. v_{NE} = 155 kts. See Rotorcraft Flight Manual for airspeed limit decrease with outside air temperature and altitude.

C.G. Range. *Longitudinal C.G. Limits*
 max. forward range: at 1840 kg (4057 lb): 4180 mm (164.6 in.) aft of datum
 at 2835 kg (6250lb): 4224 mm (166.3 in.) aft of datum
 max. rearward range: at 1500kg (3307 lb): 4570mm (179.9 in.) aft of datum
 at 2835kg (6250lb): 4369mm (172.0 in.) aft of datum

Straight line variation between points given.

Lateral C.G. Limits
 Max. deviation 100 mm (3.94 in.) left or right of the fuselage median plane.

Empty Weight C.G. Range. None

Max. Weight. 2835 kg (6250 lb)

Min. Crew. 1 Pilot

Passengers. 6 (or 7 if the kit described in FMS 9.2-31 is installed and operated)

Max. Baggage. Max. permissible floor loading: 600 kg/m² (123 lb/sq. ft.)
 Max. loading: 1130 kg (2491 lb)

III. Model EC135 P2 (Normal Category) Helicopter, Approved September 6, 2001. (cont'd)

<u>Fuel Capacity.</u>	total: 680 liter (179.6 US gal.) (standard fuel tank, up to S/N 249) usable: 670.5 liter (177.1 US gal.) (standard fuel tank, up to S/N 249)
	total: 673.4 liter (177.9 US gal.) (self sealing fuel tank, up to S/N 249) usable: 664 liter (175.4 US gal.) (self sealing fuel tank, up to S/N 249)
	total: 710 liter (187.6 US gal.) (standard fuel tank, S/N 250 and subsequent) usable: 700.5 liter (185.1 US gal.) (standard fuel tank, S/N 250 and subsequent)
	total: 701 liter (185.2 US gal.) (self sealing fuel tank, S/N 250 and subsequent) usable: 691.6 liter (182.7 US gal.) (self sealing fuel tank, S/N 250 and subsequent)
<u>Oil Capacity.</u>	Engine oil capacity: 4.5 liter (1.19 US gal.) included in minimum gross weight
<u>Max. Operating Altitude.</u>	6096 m (20000 ft)
<u>Rotorblade and Control Movements.</u>	For rigging information refer to the EC135 Maintenance Manual.

IV. Model EC135 T2 (Normal Category) Helicopter, Approved November 25, 2002

The Model EC 135 T2 is the same as the EC 135 T1 except for the installation of Tubomeca Arrius 2B2 engines which includes new OEI power ratings.

Engines. 2 Turbomeca ARRIUS 2B2

Fuel. See Rotorcraft Flight Manual

Installed Engine Limits (ARRIUS 2B2).	Output Shaft Torque %	Gas Generator Speed N-1 % (RPM)	Output Shaft Speed N-2 % (RPM)	Measured Gas Temperature °C (°F)
<i>Normal Operation</i>				
Takeoff power (5 min.)	75	100 (54117)	104 (6134)	897 (1647)
Max Continuous	69	99 (53576)	104 (6134)	879 (1614)
<i>One Engine Inoperative</i>				
30 second power	128	105 (56823)	104 (6134)	1024 (1875)
2.0 min. power	125	103.5 (56011)	104 (6134)	994 (1821)
Max. Continuous	86	101.3 (54821)	104 (6134)	942 (1728)

See Rotorcraft Flight Manual for other limitations including speed and temperature transients

<u>Rotor Limits.</u>	<u>Power On %</u>	<u>Power Off %</u>
Min. Continuous	97	80 for gross mass up to 1900 kg (4189 lb) 85 for gross mass above 1900 kg (4189 lb)
Max. Continuous	104	106

Airspeed Limits (IAS). Max. v_{NE} = 155 kts. See Rotorcraft Flight Manual for airspeed limit decrease with outside air temperature and altitude.

C.G. Range. *Longitudinal C.G. Limits*
max. forward range: at 1840 kg (4057 lb): 4180 mm (164.6 in.) aft of datum
at 2835 kg (6250 lb): 4224 mm (166.3 in.) aft of datum
max. rearward range: at 1500 kg (3307 lb): 4570 mm (179.9 in.) aft of datum
at 2835 kg (6250 lb): 4369 mm (172.0 in.) aft of datum

Straight line variation between points given.

Lateral C.G. Limits

Max. deviation 100 mm (3.94 in.) left or right of the fuselage median plane.

Empty Weight C.G. Range None

IV. Model EC135 T2 (Normal Category) Helicopter, Approved November 25, 2002. (cont'd)

<u>Maximum Weight.</u>	2835 kg (6250 lb)
<u>Minimum Crew.</u>	1 Pilot
<u>Passengers.</u>	6 (or 7 if the kit described in FMS 9.2-31 is installed and operated)
<u>Max. Baggage.</u>	Max. permissible floor loading: 600 kg/m ² (123 lb/sq. ft.) Max. loading: 1130 kg (2491 lb)
<u>Fuel Capacity.</u>	total: 680 liter (179.6 US gal.) (standard fuel tank, up to S/N 249) usable: 670.5 liter (177.1 US gal.) (standard fuel tank, up to S/N 249) total: 673.4 liter (177.9 US gal.) (self sealing fuel tank, up to S/N 249) usable: 664 liter (175.4 US gal.) (self sealing fuel tank, up to S/N 249) total: 710 liter (187.6 US gal.) (standard fuel tank, S/N 250 and subsequent) usable: 700.5 liter (185.1 US gal.) (standard fuel tank, S/N 250 and subsequent) total: 701 liter (185.2 US gal.) (self sealing fuel tank, S/N 250 and subsequent) usable: 691.6 liter (182.7 US gal.) (self sealing fuel tank, S/N 250 and subsequent)
<u>Oil Capacity.</u>	Engine oil capacity: 4.85 liter (1.28 US gal.) included in minimum gross weight
<u>Maximum Operating Altitude.</u>	6096 m (20000) ft
<u>Rotorblade and Control Movements.</u>	For rigging information refer to the EC135 Maintenance Manual.

V. Model EC135 P2+ (Normal Category) Helicopter, Approved October 19, 2006.

The Model EC135 P2+ is the same as the EC135 P2 except for maximum take off mass of 2910 kg / 2950 kg, and new power ratings AEO TOP & OEI MCP). See NOTE 5

<u>Engines.</u>	2 Pratt & Whitney Canada PW 206 B2			
<u>Fuel.</u>	See Rotorcraft Flight Manual			
<u>Installed Engine Limits.</u>	Output Shaft <u>Torque %</u>	Gas Generator Speed N-1 <u>% (RPM)</u>	Output Shaft Speed N-2 <u>% (RPM)</u>	Measured Gas Temperature <u>°C (°F)</u>
<i>Normal Operation</i>				
Takeoff power (5 min.)	78	98.7 (57250)	104 (6165)	869 (1596)
Max Continuous	69	97.4 (56500)	104 (6165)	835 (1535)
<i>One Engine Inoperative</i>				
30 sec. power	128	104.3 (60500)	104 (6165)	990 (1814)
2 min. power	125	102.6 (59500)	104 (6165)	950 (1742)
Max. Continuous	89.5	100.4 (58250)	104 (6165)	900 (1652)

See Rotorcraft Flight Manual for other limitations including speed and temperature transients

<u>Rotor Limits.</u>	<u>Power On %</u>	<u>Power Off %</u>
Min. Continuous	97	80 for gross mass up to 1900 kg (4189 lb) 85 for gross mass above 1900 kg (4189 lb)
Max. Continuous	104	106

Airspeed Limits (IAS). Max. v_{NE} = 155 kts. See Rotorcraft Flight Manual for airspeed limit decrease with outside air temperature and altitude.

V. Model EC135 P2+ (Normal Category) Helicopter, Approved October 19, 2006. (cont'd)

<u>C.G. Range.</u>	<i>Longitudinal C.G. Limits</i> max. forward range: at 1840 kg (4057 lb): 4180.0 mm (164.6 in.) aft of datum at 2910 kg (6415 lb): 4227.3 mm (166.43 in.) aft of datum at 2950 kg (6504 lb): 4229.3 mm (166.51 in.) aft of datum max. rearward range: at 1500 kg (3307 lb): 4570.0 mm (179.9 in.) aft of datum at 2910 kg (5996 lb): 4369.0 mm (172.0 in.) aft of datum at 2950 kg (6504 lb): 4362.6 mm (171.75 in.) aft of datum Straight line variation between points given. <i>Lateral C.G. Limits</i> Max. deviation 100 mm (3.94 in.) left or right of the fuselage median plane.
<u>Empty Weight C.G. Range.</u>	None
<u>Maximum Weight.</u>	2910 kg (6415 lb) / 2950 kg (6504 lb) Note: Operation of the aircraft with MTOW up to 2950 kg is only permitted in accordance with FMS 9.1-5, FMS 9.1-6 and FMS 9.1-7 from S/N 1055 and subsequent, or after SB EC135-62-028.
<u>Minimum Crew.</u>	1 Pilot
<u>Passengers.</u>	6 (or 7 if the kit described in FMS 9.2-31 is installed and operated)
<u>Max. Baggage.</u>	Max. permissible floor loading: 600 kg/m ² (123 lb/sq. ft.) Max. loading: 1130 kg (2491 lb)
<u>Fuel Capacity.</u>	total: 680 liter (179.6 US gal.) (standard fuel tank, up to S/N 249) usable: 670.5 liter (177.1 US gal.) (standard fuel tank, up to S/N 249) total: 673.4 liter (177.9 US gal.) (self sealing fuel tank, up to S/N 249) usable: 664 liter (175.4 US gal.) (self sealing fuel tank, up to S/N 249) total: 710 liter (187.6 US gal.) (standard fuel tank, S/N 250 and subsequent) usable: 700.5 liter (185.1 US gal.) (standard fuel tank, S/N 250 and subsequent) total: 701 liter (185.2 US gal.) (self sealing fuel tank, S/N 250 and subsequent) usable: 691.6 liter (182.7 US gal.) (self sealing fuel tank, S/N 250 and subsequent)
<u>Oil Capacity.</u>	Engine oil capacity: 4.5 liter (1.19 US gal.) included in minimum gross weight
<u>Max. Operating Altitude.</u>	6096 m (20000 ft)
<u>Rotorblade and Control Movements.</u>	For rigging information refer to the EC135 Maintenance Manual.

VI. Model EC135 T2+ (Normal Category) Helicopter, Approved October 19, 2006.

The Model EC135 T2+ is the same as the EC135 T2 except for maximum take off mass of 2910 kg / 2950 kg, and new power ratings AEO TOP & OEI MCP). See NOTE 5

Engines.	2 Turbomeca ARRIUS 2B2		
Fuel.	See Rotorcraft Flight Manual		
Installed Engine Limits (ARRIUS 2B2).	Gas Generator	Output Shaft	Measured Gas
Output Shaft	Speed N-1	Speed N-2	Temperature
Torque %	% (RPM)	% (RPM)	°C (°F)

VI. Model EC135 T2+ (Normal Category) Helicopter, Approved October 19, 2006. (cont'd)*Normal Operation*

Takeoff power (5 min.)	78	100 (54117)	104 (6134)	897 (1647)
Max Continuous	69	99 (53576)	104 (6134)	879 (1614)

One Engine Inoperative

30 second power	128	105.0 (56823)	104 (6134)	1024 (1875)
2.0 min. power	125	103.5 (56011)	104 (6134)	994 (1821)
Max. Continuous	89.5	101.3 (54821)	104 (6134)	942 (1728)

See Rotorcraft Flight Manual for other limitations including speed and temperature transients

<u>Rotor Limits.</u>	<u>Power On %</u>	<u>Power Off %</u>
Min. Continuous	97	80 for gross mass up to 1900 kg (4189 lb) 85 for gross mass above 1900 kg (4189 lb)
Max. Continuous	104	106

Airspeed Limits (IAS). Max. v_{NE} = 155 kts. See Rotorcraft Flight Manual for airspeed limit decrease with outside air temperature and altitude.

C.G. Range. *Longitudinal C.G. Limits*
 max. forward range: at 1840 kg (4057 lb): 4180.0 mm (164.6 in.) aft of datum
 at 2910 kg (6415 lb): 4227.3 mm (166.43 in.) aft of datum
 at 2950 kg (6504 lb): 4229.3 mm (166.51 in.) aft of datum
 max. rearward range: at 1500 kg (3307 lb): 4570.0 mm (179.9 in.) aft of datum
 at 2910 kg (5996 lb): 4369.0 mm (172.0 in.) aft of datum
 at 2950 kg (6504 lb): 4362.6 mm (171.75 in.) aft of datum

Straight line variation between points given.

Lateral C.G. Limits

Max. deviation 100 mm (3.94 in.) left or right of the fuselage median plane.

Empty Weight C.G. Range None

Maximum Weight. 2910 kg (6415 lb) / 2950 kg (6504 lb)

Note: Operation of the aircraft with MTOW up to 2950 kg is only permitted in accordance with FMS 9.1-5, FMS 9.1-6 and FMS 9.1-7 from S/N 1055 and subsequent, or after SB EC135-62-028.

Minimum Crew. 1 Pilot

Passengers. 6 (or 7 if the kit described in FMS 9.2-31 is installed and operated)

Max. Baggage. Max. permissible floor loading: 600 kg/m² (123 lb/sq. ft.)
 Max. loading: 1130 kg (2491 lb)

Fuel Capacity.
 total: 680 liter (179.6 US gal.) (standard fuel tank, up to S/N 249)
 usable: 670.5 liter (177.1 US gal.) (standard fuel tank, up to S/N 249)
 total: 673.4 liter (177.9 US gal.) (self sealing fuel tank, up to S/N 249)
 usable: 664 liter (175.4 US gal.) (self sealing fuel tank, up to S/N 249)
 total: 710 liter (187.6 US gal.) (standard fuel tank, S/N 250 and subsequent)
 usable: 700.5 liter (185.1 US gal.) (standard fuel tank, S/N 250 and subsequent)
 total: 701 liter (185.2 US gal.) (self sealing fuel tank, S/N 250 and subsequent)
 usable: 691.6 liter (182.7 US gal.) (self sealing fuel tank, S/N 250 and subsequent)

Oil Capacity. Engine oil capacity: 4.85 liter (1.28 US gal.) included in minimum gross weight

VI. Model EC135 T2+ (Normal Category) Helicopter, Approved October 19, 2006. (cont'd)

Maximum Operating Altitude. 6096 m (20000 ft)

Rotorblade and Control Movements. For rigging information refer to the EC135 Maintenance Manual.

DATA PERTINENT TO ALL MODELS

Datum. 2160 mm (85.04 in.) in front of alignment point in the frame of the front doors.

Leveling Means. Alignment points are given in the EC135 Maintenance Manual

Series Nos. Eligible. A German (Luftfahrt-Bundesamt, LBA) Certificate of Airworthiness endorsed as noted below under „Import Requirements“ must be submitted for each individual rotorcraft for which application for FAA certification is made. For the Model EC135 P1 serial numbers 0006 and subsequent. For the Model EC135 T1 serial numbers 0005 and subsequent.

Certification Basis.

- FAR 21.29
- FAR 27, incl. Amdt. 31
- FAR 29, incl. Amdt. 37, for engine isolation requirements
- FAR 36
- Special Condition defined in Issue Paper G-1

The German Authority Luftfahrt-Bundesamt (LBA) originally type certificated this under its type certificate number (LBA 3061). The FAA validated this product under U.S. Type Certificate Number (H88EU). Effective September 28, 2003, the European Aviation Safety Agency (EASA) began oversight of this product on behalf of the German LBA (EASA TC R.009).

Import Requirements. To be considered eligible for operation in the United States, each aircraft manufactured under this type certificate must be accompanied by a certificate of airworthiness for export or certifying statement endorsed by the exporting foreign civil airworthiness authority which states (in the English language): “The aircraft covered by this certificate has been examined, test, and found to comply with the German LBA TC Number 3061 (or EASA TC Number R.009) approved under the U.S. Type Certificate Number H88EU and to be in a condition for safe operation.”

Equipment regulations certification. The minimum required equipment as prescribed in the applicable airworthiness (see Certification Basis) must be installed in the respective helicopter for

For model EC135 P1, LBA-approved EC135 P1 Rotorcraft Flight Manual, dated 14.06.1996 Revision 0, or later approved revision, as required. LBA-approved EC135 P1 (CPDS) Rotorcraft Flight Manual (for helicopters with Central Panel Display System installed), dated November 6, 1998, Revision 0, or later approved revision.

For model EC135 T1, LBA-approved EC135 T1 Rotorcraft Flight Manual, dated 14.06.1996 Revision 0, or later approved revision, as required. LBA-approved EC135 T1 (CPDS) Rotorcraft Flight Manual (for helicopters with Central Panel Display System installed), dated May 26, 1999, Revision 0, or later approved revision.

For model EC135 P2, LBA-approved EC135 P2(CPDS) Rotorcraft Flight Manual, dated July 10, 2001, Revision 0, or later approved revision, as required.

For model EC135 T2, LBA-approved EC135 T2(CPDS) Rotorcraft Flight Manual, dated August 9, 2002, Revision 0, or later approved revision, as required.

For model EC135 P2+, EASA-approved EC135 P2+ Rotorcraft Flight Manual,

dated February 21, 2006, Revision 0, or later approved revision, as required.

For model EC135 T2+, EASA-approved EC135 T2+ Rotorcraft Flight Manual, dated February 21, 2006, Revision 0, or later approved revision, as required.

For Category A special operation, the configuration requirements as defined in section A.2.2 of the applicable 9.1-1 Rotorcraft Flight Manual Supplement must be met.

Service Information.

Service bulletins, repair manuals, vendor manuals, rotorcraft flight manuals and maintenance manuals, which contain a statement that the document is approved by the European Aviation Safety Agency (EASA) or, for approvals made before September 28, 2003, by the German LBA, are accepted by the FAA and are considered FAA approved. These approvals pertain to the type design only.

NOTES

- NOTE 1. Turbomeca ARRIUS 2B1 engines installed in EC135T1 serial numbers 0036 and subsequent. ARRIUS 2B1 engine installation limitations apply if ECD Service Bulletin EC135-71-001 is incorporated on EC135T1 serial numbers 0035 and prior.
- NOTE 2. The model EC-135 rotorcraft employs electronic engine controls, commonly named Full Authority Digital Engine Controls (FADEC) and is recognized to be more susceptible to Electromagnetic Interference (EMI) than rotorcraft that have only manual (non-electronic) controls. (EMI may be the result of radiated or conducted interference.) For this reason modifications that add or change systems that have the potential for EMI, must either be qualified to a standard acceptable to the FAA or tested at the time of installation for interference to the FADEC. This type of testing must employ the particular FADEC's diagnostic techniques and external diagnostic techniques. The test procedure must be FAA approved.
- NOTE 3. For the EC 135(CPDS) to be eligible for SPIFR-Cockpit with AFCS and AN Flight Displays the following RFM supplements are required; FMS 9.2-48, Revision 4, Automatic Flight Control System, LBA approved December 22, 2000, FMS 9.2-53, Revision 2, Single Flight Control Display System, LBA approved September 7, 2000, and FMS 9.2-56, Revision 3, SP/DPIFR Operation Kit, LBA approved August 17, 2000.
- NOTE 4. Any changes to the type design of this helicopter by means of an amended type certificate (TC), supplemental type certificate (STC), or amended STC, requiring instructions for continued airworthiness (ICA's) must be submitted thru the project aircraft certification office (ACO) for review and acceptance by the Fort Worth - Aircraft Evaluation Group (FTW-AEG) Flight Standards District Office (FSDO) prior to the aircraft delivery, or upon issuance of the first standard airworthiness certificate for the affected aircraft, whichever occurs later as prescribed by Title 14 CFR 21.50. Type design changes (major repairs or alterations) by means of a FAA Form 337 (field approval) that require ICA's must have those ICA's reviewed by the field approving FSDO.
- NOTE 5. EC135 P2+ starts with S/N 505 or upgraded EC135 P2 model according to Service Bulletin EC135-71-033.
EC135 T2+ starts with S/N 506 or upgraded EC135 T2 model according to Service Bulletin EC135-71-033.
- NOTE 6. Effective January 7, 2014, Eurocopter Deutschland GmbH name was changed to Airbus Helicopters Deutschland GmbH.

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