Issue: 19 Date: 11 December 2025



TYPE CERTIFICATE DATA SHEET

No. EASA.R.008

for AS 350 / EC 130

Type Certificate Holder
Airbus Helicopters

Aéroport International Marseille – Provence 13725 Marignane CEDEX France

For Models: AS 350 B, AS 350 D, AS 350 B1, AS 350 B2, AS 350 BA, AS 350 BB, AS 350 B3

EC 130 B4, EC 130 T2

Date: 11 December 2025

TABLE OF CONTENTS

SECTION 1: AS 350 B	4
I. General	
II. Certification Basis	
III. Technical Characteristics and Operational Limitations	
IV. Operating and Service Instructions	
V. Notes	
SECTION 2: AS 350 D	
I. General	
II. Certification Basis	
III. Technical Characteristics and Operational Limitations	
IV. Operating and Service Instructions	11
V. Notes	11
SECTION 3: AS 350 B1	
I. General	12
II. Certification Basis	12
III. Technical Characteristics and Operational Limitations	12
IV. Operating and Service Instructions	15
V. Notes	16
SECTION 4: AS 350 B2	17
I. General	17
II. Certification Basis	17
III. Technical Characteristics and Operational Limitations	18
IV. Operating and Service Instructions	21
V. Notes	21
SECTION 5: AS 350 BA	22
I. General	22
II. Certification Basis	22
III. Technical Characteristics and Operational Limitations	22
IV. Operating and Service Instructions	25
V. Notes	26
SECTION 6: AS 350 BB	27
I. General	27
II. Certification Basis	27
III. Technical Characteristics and Operational Limitations	27
IV. Operating and Service Instructions	
V. Notes	
SECTION 7: AS 350 B3	32
I. General	32
II. Certification Basis	32
III. Technical Characteristics and Operational Limitations	
IV. Operating and Service Instructions	
V. Notes	
SECTION 8: EC 130 B4	
I. General	
II. Certification Basis	
III. Technical Characteristics and Operational Limitations	
IV. Operating and Service Instructions	
V. Notes	

AS 350 / EC 130

Issue: 19 Date: 11 December 2025

TCDS No.: EASA.R.008

SECTION 9: EC 130 T2	48
I. General	48
II. Certification Basis	48
III. Technical Characteristics and Operational Limitations	49
IV. Operating and Service Instructions	52
V. Notes	52
SECTION 10: OPERATIONAL SUITABILITY DATA (OSD)	53
OSD Elements	53
SECTION 11: CS26 COMPLIANCE INFORMATION	54
SECTION: ADMINISTRATIVE	55
I. Acronyms and Abbreviations	55
II. Type Certificate Holder Record	55
III. Surrendered Models	
IV. Change Record	

Issue: 19 Date: 11 December 2025

SECTION 1: AS 350 B

I. General

Type/ Model

1.1 Type AS 3501.2 Model AS 350 B

Airworthiness Category Small Rotorcraft
 Manufacturer Airbus Helicopters

Aéroport International Marseille Provence

13725 Marignane CEDEX, France

4. Type Certification Application Date to DGAC FR: 19 June 1974

5. State of Design Authority EASA

(pre EASA: DGAC, France)

6. Type Certificate Date by DGAC FR 27 October 1977

Type Certificate n° EASA.R.008 (former DGAC FR: 157)
 Type Certificate Data Sheet n° EASA.R.008 (former by DGAC FR: 157)

9. EASA Type Certification Date 28 September 2003,

in accordance with CR (EU) 1702/2003, Article 2, 3., (a),

(i), 2nd bullet, 1st indented bullet.

II. Certification Basis For details about II.3. see Note V.4

1. Reference Date for determining the For Airworthiness and Environmental Protection:

applicable requirements 19 June 1974 (see II.3.)

for OSD elements: 17 February 2014.

2. Airworthiness Requirements

2.1 FAR Part 27, Amdts. 1 to 10 included

2.2 For a/c equipped with Emergency as above (2.1) with the following additional requirement of CS 27, Amdt. 10, dated 27 January 2023: 27.1587-b3 parts P/N / MPN: [223244-0 /

704A42690057])

3. Special Conditions Complementary and Special Conditions defined in DGAC

FR letters 6518, dated 17 August 1976 and 6437, dated

28 July 1977

Exemptions none
 Deviations none
 Equivalent Safety Findings none

7. Environmental Protection Requirements

7.1 Noise Requirements see TCDSN EASA.R.008

7.2 Emission Requirements n/a

8. Operational Suitability Data (OSD) see SECTION 10 below

8.1 Master Minimum Equipment List (MMEL) JAR-MMEL Amdt.1, dated 1 August 2005
 8.2 Flight Crew Data (FCD) CS-FCD Initial Issue 31 January 2014

III. Technical Characteristics and Operational Limitations

1. Type Design Definition 350A000000



Issue: 19 Date: 11 December 2025

2. Description Main rotor: three (3) blades

Tail rotor: two (2) blades

Fuselage: metal-sheet monocoque

Landing gear: skid type

Powerplant: one turbo-shaft engine

Equipment The approved items of equipment are listed in Airbus

Helicopters document No. 350A044320.

The basic required equipment specified in the applicable airworthiness regulations (see certification bases) must be installed on the aircraft at certification time and at

every time after certification.

4. Dimensions

4.1 Fuselage Length: 10.93 m

Width hull: 1.87 m Height: 3.14 m

4.2 Main Rotor Diameter: 10.69 m, 3 blades4.3 Tail Rotor Diameter: 1.86 m, 2 blades

5. Engine

5.1 Model Safran Helicopter Engines (former: Turbomeca)

1 x Model Arriel 1B

5.2 Type Certificate TC/TCDS n°: EASA.E.073 (former DGAC FR n° M5)

5.3 Limitations

5.3.1 Installed Engine Limitations and Transmission Torque Limits

	Limit TQ on shaft [Nm]	Gas generator NG ** [%]	Min. guaranteed PWR * [kW]	Temperature T4 [°C]
Max. transient (5 sec)		105		
Max. TOP (5 min)	920	100	478	810
MCP	829	98	440	775

Notes: - Maximum T4 on starting: 840°C

- * ISA, ground level

- ** 100% = 51 800 rpm

5.3.2 Transmission Torque Limits

Max. TQ: 83% (100% corresponds to 396 kW power output at 386 rpm MR speed)

6. Fluids

6.1 Fuel Refer to approved RFM
 6.2 Oil Refer to approved RFM
 6.3 Additives Refer to approved RFM

7. Fluid capacities

7.1 Fuel Fuel tank capacity: 540 litres

Usable fuel: 538.7 litres, post AMS 07 0289 Unusable fuel: 1.3 litre, post AMS 07 0289

7.2 Oil Engine: 5.2 litres

MGB: 6.5 litres (circuit included)

TGB: 0.33 litre

7.3 Coolant System Capacity n/a



Issue: 19 Date: 11 December 2025

8. Air Speed Limitations V_{NE}: 147 KIAS (272 km/h) from MSL up to 1 000 ft (305 m).

- at higher altitudes, V_{NE} reduced by 3.5 kt/1 000 ft

(20 km/h per 1 000 m).

- at OAT between -30° C and -40° C, substract 10 kt (18.5 km/h) from the above decreasing law.

9. Rotor Speed Limitations Power on:

Maximum 386 rpm Minimum 380 rpm

Power off:

Maximum 424 rpm Minimum 320 rpm

(audio warning at 335 rpm)

The audio warning sounds when rotor speed drops

below:

- 335 rpm, pre-modification 07.1891 - 360 rpm, post-modification 07.1891

10. Maximum Operating Altitude and Temperature

10.1 Altitude TKOF/LDG: refer to approved RFM

En route: 16 000 ft (4 875 m)

10.2 Temperature Refer to approved RFM

11. Operating Limitations VFR day

VFR night, when the additional equipment required by operational regulations is installed and serviceable. (For

more information refer to RFM).

Non-icing conditions

12. Maximum Mass 1 950 kg

13. Centre of Gravity Range Longitudinal C.G. limits

maximum forward limit:

3 170 mm

maximum rearward limit: 3 550 mm up to 1 300 kg

3 430 mm for 1 900 kg and up to 1 950 kg. Linear variation between the points

Lateral C.G Limits L.H. limit: 150 mm R.H. limit: 80 mm

14. Datum Longitudinal:

the datum plane (STA 0) is located at 3 400 mm forward

of MRH centre line.

Lateral: aircraft symmetry plane

15. Levelling Means Transmission deck16. Minimum Flight Crew 1 pilot (right seat)

17. Maximum Passenger Seating Capacity 5

When fitted with the forward 2-place seat optional equipment, the maximum number of passengers is increased to six (pilot not included). This option is to be used in accordance with the corresponding RFMS.

18. Passenger Emergency Exit 2 (two), one on each side of the passenger cabin

Issue: 19 Date: 11 December 2025

19. Maximum Baggage/ Cargo Loads Max. load in:

R.H. side hold: 100 kg
L.H. side hold: 120 kg
Rear hold: 80 kg
Forward cabin floor: 150 kg
Rear cabin floor: 310 kg

20. Rotor Blade Control Movement For rigging information refer to Maintenance Manual

21. Auxiliary Power Unit (APU) n/a

22. Life-limited Parts The AS 350 Master Servicing Manual, Chapter 4

"Airworthiness Limitations", originally approved by DGAC FR and subsequently by EASA, contains limitations which

are mandatory.

IV. Operating and Service Instructions

1. Flight Manual AS 350 B Flight Manual, initially approved by DGAC FR on

27 October 1977, or later EASA (or DGAC FR) approved

revision (reference: in French language).

2. Maintenance Manual - AS 350 Master Servicing Manual

- AS 350 Maintenance Manual

Compatibility between optional items of equipment is

described:

- from an installation aspect in the:

"Master Servicing Recommendations",

- from an operational aspect in:

"Supplements" chapter of the Flight Manual.

3. Structural Repair Manual AS 350 Repair Manual

4. Weight and Balance Manual Refer to approved RFM

5. Illustrated Parts Catalogue AS 350 Illustrated Parts Catalogue

6. Service Letters and Service Bulletins As published by Aérospatiale, Eurocopter France,

Eurocopter or Airbus Helicopters

7. Required Equipment Refer to EASA-approved Rotorcraft Flight Manual and

related supplements for other approved mandatory and optional equipment and Master Minimum Equipment

List.

V. Notes

1. Manufacturer's eligible serial numbers:

For AS 350 B: s/n 1003, and subsequent. For AS 350 D converted into AS 350 B, see Note 3.

- 2. AS 350 D aircraft may be converted into AS 350 B by application of Service Bulletin 01.00.12.
- 3. The commercial designation is: Ecureuil
- 4. Non-proprietary data contained in selected Special Conditions that are part of the Certification Basis are published in the 'Explanatory Note No: TCDS EASA.R.008'. The document is not exhaustive and will be gradually updated.



Issue: 19 Date: 11 December 2025

SECTION 2: AS 350 D

I. General

Type/ Model

1.1 Type AS 3501.2 Model AS 350 D

Airworthiness Category Small Rotorcraft
 Manufacturer Airbus Helicopters

Aéroport International Marseille Provence

13725 Marignane CEDEX, France

4. Type Certification Application Date to DGAC FR 28 March 1978

5. State of Design Authority EASA

(pre EASA: DGAC, France)

6. Type Certificate Date by DGAC FR 4 July 1978

Type Certificate n° EASA.R.008 (former DGAC FR: 157)
 Type Certificate Data Sheet n° EASA.R.008 (former DGAC FR: 157)

9. EASA Type Certification Date 28 September 2003,

in accordance with CR (EU) 1702/2003, Article 2, 3., (a),

(i), 2nd bullet, 1st indented bullet.

II. Certification Basis For details about II.3., see Note V.4

1. Reference Date for determining the

applicable requirements

For Airworthiness and Environmental Protection:

19 June 1974 (see II.3.)

for OSD elements: 17 February 2014.

2. Airworthiness Requirements FAR Part 27, Amdts. 1 to 10 included

3. Special Conditions Complementary and Special Conditions defined in DGAC

FR letters 6518, dated 17 August 1976 and 6437, dated

28 July 1977

Exemptions none
 Deviations none
 Equivalent Safety Findings none

7. Environmental Protection Requirements

7.1 Noise Requirements see TCDSN EASA.R.008

7.2 Emission Requirements n/a

8. Operational Suitability Data (OSD) see SECTION 10 below

8.1 Master Minimum Equipment List (MMEL) JAR-MMEL Amdt.1, dated 1 August 2005
 8.2 Flight Crew Data (FCD) CS-FCD Initial Issue 31 January 2014

III. Technical Characteristics and Operational Limitations

1. Type Design Definition 350A000000

Description
 Main rotor: three (3) blades
 Tail rotor: two (2) blades

Fuselage: metal-sheet monocoque

Landing gear: skid type

Powerplant: one turbo-shaft engine



Issue: 19 Date: 11 December 2025

3. Equipment The approved items of equipment are listed in Airbus

Helicopters document No. 350A044320.

The basic required equipment specified in the applicable airworthiness regulations (see certification basis) must be installed on the aircraft at certification time and at any

time after certification.

4. Dimensions

4.1 Fuselage Length: 10.93 m

Width hull: 1.87 m Height: 3.14 m

4.2 Main Rotor Diameter: 10.69 m, 3 blades4.3 Tail Rotor Diameter: 1.83 m, 2 blades

5. Engine

5.1 Model Honeywell International Inc. (former: Lycoming Engines)

1 x Model LTS 101-600A-2

5.2 Type Certificate FAA TC/TCDS n°: E5NE

DGAC FR TC/TCDS n°: M.IM 5

EASA TC/TCDS n°: EASA.IM.E.228

5.3 Limitations

5.3.1 Installed Engine Limitations and Transmission Torque Limits

	Limit TQ on shaft [Nm]	Gas generator NG ** [%]	Min. guaranteed PWR * [kW]	Temperature T4 [°C]
Max. transient (5 sec)		105.6		843***
Max. TOP (5 min)	733	103.7	459	782
MCP	704	102.2	440	763

The installed engine limitations at MCP are: NG = 48 930 rpm, and T4 = 755°C

Notes: - Maximum T4 on take-off: 899°C***

- * ISA, ground level
- ** 100% = 47 866 rpm
- *** Max. operating time with temperature above 818°C: 12 sec.

5.3.2 Transmission Torque Limits

Max. TQ: 101% (100% corresponds to 396 kW power output at 386 rpm MR speed)

6. Fluids

6.1 Fuel Refer to approved RFM
 6.2 Oil Refer to approved RFM
 6.3 Additives Refer to approved RFM

7. Fluid capacities

7.1 Fuel Fuel tank capacity: 540 litres

Usable fuel: 538.7 litres, post AMS 07 0289 Unusable fuel: 1.3 litre, post AMS 07 0289

7.2 Oil Engine: 4.0 litres

MGB: 6.5 litres (circuit included)

TGB: 0.33 litre

7.3 Coolant System Capacity n/a

Issue: 19 Date: 11 December 2025

8. Air Speed Limitations V_{NE}: 147 KIAS (272 km/h) from MSL up to 1 083 ft (330 m).

- at higher altitudes, V_{NE} reduced by 3.5 kt/1 000 ft

(20 km/h per 1 000 m).

- at OAT between -30° C and -40° C, subtract 10 kt (18.5 km/h) from the above decreasing law.

9. Rotor Speed Limitations Power on:

Maximum 386 rpm Minimum 380 rpm

Power off:

Maximum 424 rpm

Minimum 320 rpm (audio warning below 335 rpm)

10. Maximum Operating Altitude and Temperature

10.1 Altitude TKOF/LDG: refer to approved RFM

En route: 15 000 ft (4 575 m)

10.2 Temperature Refer to approved RFM

11. Operating Limitations VFR day

VFR night, when the additional equipment required by operational regulations is installed and serviceable. (For

more information refer to RFM).

12. Maximum Mass 1 950 kg

13. Centre of Gravity Range Longitudinal C.G. limits

maximum forward limit:

3 170 mm

maximum rearward limit:

3 550 mm up to 1 300 kg 3 430 mm for 1 900 kg and up to 1 950 kg.

Linear variation between the points

Lateral C.G Limits

L.H. limit: 150 mm R.H. limit: 80 mm

14. Datum Longitudinal:

the datum plane (STA 0) is located at 3 400 mm forward

of MRH centre line.

Lateral: aircraft symmetry plane

15. Levelling Means Transmission deck16. Minimum Flight Crew 1 pilot (right seat)

17. Maximum Passenger Seating Capacity 5

When fitted with the forward 2-place seat optional equipment, the maximum number of passengers is increased to six (pilot not included). This option is to be used in accordance with the corresponding RFMS.

18. Passenger Emergency Exit 2 (two), one on each side of the passenger cabin

19. Maximum Baggage/ Cargo Loads Max. load in:

R.H. side hold: 100 kg
L.H. side hold: 120 kg
Rear hold: 80 kg
Forward cabin floor: 150 kg
Rear cabin floor: 310 kg

20. Rotor Blade Control Movement For rigging information refer to Maintenance Manual

21. Auxiliary Power Unit (APU) n/a



Issue: 19 Date: 11 December 2025

22. Life-limited Parts The AS 350 Master Servicing Manual, Chapter 4

"Airworthiness Limitations", originally approved by DGAC FR and subsequently by EASA, contains limitations which

are mandatory.

IV. Operating and Service Instructions

1. Flight Manual AS 350 D Flight Manual, initially approved by DGAC FR on

4 July 1978, or later EASA (or DGAC FR) approved revision

(reference: in French language).

2. Maintenance Manual - AS 350 Master Servicing Manual

- AS 350 Maintenance Manual

Compatibility between optional items of equipment is

described:

- from an installation aspect in the:

"Master Servicing Recommendations",

- from an operational aspect in:

"Supplements" chapter of the Flight Manual.

3. Structural Repair Manual AS 350 Repair Manual

4. Weight and Balance Manual Refer to approved RFM

5. Illustrated Parts Catalogue AS 350 Illustrated Parts Catalogue

6. Service Letters and Service Bulletins As published by Aérospatiale, Eurocopter France,

Eurocopter or Airbus Helicopters

7. Required Equipment Refer to EASA-approved Rotorcraft Flight Manual and

related supplements for other approved mandatory and optional equipment and Master Minimum Equipment

List.

V. Notes

1. Manufacturer's eligible serial numbers:

For AS 350 D: s/n 1028, and subsequent. For AS 350 C converted into AS 350 D, see Note 3.

2. AS 350 C aircraft may be converted into AS 350 D by application of Service Bulletin 01.01.

3. The commercial designation is: AStar

4. Non-proprietary data contained in selected Special Conditions that are part of the Certification Basis are published in the 'Explanatory Note No: TCDS EASA.R.008'. The document is not exhaustive and will be gradually updated.

* * *

Issue: 19 Date: 11 December 2025

SECTION 3: AS 350 B1

I. General

Type/ Model

1.1 Type AS 3501.2 Model AS 350 B1

Airworthiness Category Small Rotorcraft
 Manufacturer Airbus Helicopters

Aéroport International Marseille Provence

13725 Marignane CEDEX, France

4. Type Certification Application Date to DGAC FR: 13 December 1984

5. State of Design Authority EASA

(pre EASA: DGAC, France)

6. Type Certificate Date by DGAC FR 9 January 1986

Type Certificate n° EASA.R.008 (former DGAC FR: 157)
 Type Certificate Data Sheet n° EASA.R.008 (former DGAC FR: 157)

9. EASA Type Certification Date 28 September 2003,

in accordance with CR (EU) 1702/2003, Article 2, 3., (a),

(i), 2nd bullet, 1st indented bullet.

II. Certification Basis For details about II.3., see Note V.3

L. Reference Date for determining the For Airworthiness and Environmental Protection:

applicable requirements 19 June 1974 (see II.3.)

for OSD elements: 17 February 2014.

2. Airworthiness Requirements

2.1 FAR Part 27, Amdts. 1 to 10 included

2.2 For a/c equipped with Emergency as above (2.1) with the following additional requirement of CS 27, Amdt. 10, dated 27 January 2023: 27.1587-b3 parts P/N / MPN: [223244-0 /

704A42690057])

Special Conditions Complementary and Special Conditions defined in DGAC

FR letters 6518, dated 17 August 1976 and 6437, dated

28 July 1977 and 53639, dated 25 June 1985

Exemptions none
 Deviations none
 Equivalent Safety Findings none

7. Environmental Protection Requirements

7.1 Noise Requirements see TCDSN EASA.R.008

7.2 Emission Requirements n/a

8. Operational Suitability Data (OSD) see SECTION 10 below

8.1 Master Minimum Equipment List (MMEL) JAR-MMEL Amdt.1, dated 1 August 2005
 8.2 Flight Crew Data (FCD) CS-FCD Initial Issue 31 January 2014

III. Technical Characteristics and Operational Limitations

1. Type Design Definition Document 350A044455



Issue: 19 Date: 11 December 2025

2. Description Main rotor: three (3) blades

Tail rotor: two (2) blades

Fuselage: metal-sheet monocoque

Landing gear: skid type

Powerplant: one turbo-shaft engine
Designed as a derivative of model AS 350 B.

3. Equipment The approved items of equipment are listed in Airbus

Helicopters document No. 350A044320.

The basic required equipment specified in the applicable airworthiness regulations (see certification bases) must be installed on the aircraft at certification time and at

every time after certification.

4. Dimensions

4.1 Fuselage Length: 10.93 m

Width hull: 1.87 m Height: 3.14 m

4.2 Main Rotor Diameter: 10.69 m, 3 blades
 4.3 Tail Rotor Diameter: 1.86 m, 2 blades

5. Engine

5.1 Model Safran Helicopter Engines (former: Turbomeca)

1 x Model Arriel 1D

5.2 Type Certificate TC/TCDS n°: EASA.E.073 (former DGAC FR n° M5)

5.3 Limitations

5.3.1 Installed Engine Limitations and Transmission Torque Limits

	Limit TQ on shaft [Nm]	Gas generator NG ** [%]	Min. guaranteed PWR * [kW]	Temperature T4 [°C]
Max. transient (5 sec)		105.5		
Max. TOP (5 min)	830	101.2 100.8	510	845
MCP		98	450	795

Notes: - * ISA, ground level - ** 100% = 51 800 rpm

5.3.2 Transmission Torque Limits

Max. TQ:

- IAS 40 kt - 74 km/h, or higher: 94% - IAS below 40 kt - 74 km/h: 100%

100% TQ corresponds to:

- 488 kW power output at 394 rpm MR speed - 478 kW power output at 386 rpm MR speed

6. Fluids

6.1 Fuel Refer to approved RFM
 6.2 Oil Refer to approved RFM
 6.3 Additives Refer to approved RFM



Issue: 19 Date: 11 December 2025

7. Fluid capacities

7.1 Fuel Fuel tank capacity: 540 litres

Usable fuel: 538.7 litres post AMS 07 0289 Unusable fuel: 1.25 litre post AMS 07 0289

7.2 Oil Engine: 6.2 litres

MGB: 6.5 litres (circuit included)

TGB: 0.33 litre

7.3 Coolant System Capacity n/a

8. Air Speed Limitations V_{NE} power-on:

- 155 KIAS (287 km/h) for $H_P = 0$

- at altitude, speed decreases by 3 kt/1 000 ft

(18 km/h/1 000 m)

- in cold weather, for -30°C > OAT, subtract 10 kt

(19 km/h) from the above V_{NE} .

V_{NE} power-off:

- 125 KIAS (231 km/h) for H_P=0

- at altitude, speed decreases by 3 kt/1 000 ft

(18 km/h/1 000 m)

- in cold weather, substract the following values from

the above V_{NE}:

- 10 kt (19 km/h), for -20°C > OAT > -30°C

- 20 kt (37 km/h), for -30°C > OAT, without V_{NE} being

less than 65 KIAS (120 km/h).

9. Rotor Speed Limitations Power on:

Maximum 394 rpm Minimum 385 rpm

Power off:

Maximum 430 rpm

Minimum 320 rpm (audio warning below 365 rpm)

10. Maximum Operating Altitude and Temperature

10.1 Altitude TKOF/LDG: 14 000 ft PA (4 267 m)

En route: 20 000 ft PA (6 096 m)

10.2 Temperature Refer to approved RFM

11. Operating Limitations VFR day

VFR night, when the additional equipment required by

operational regulations is installed and serviceable. (For

more information refer to RFM).

12. Maximum Mass 2 200 kg

13. Centre of Gravity Range Longitudinal C.G. limits

Maximum forward limit:

3 170 mm up to 2 000 kg

Linear variation from 3 170 mm to 3 200 mm between

2 000 kg and 2 200 kg

3 200 mm at 2 200 kg

Maximum rearward limit:

3 500 mm up to 1 200 kg

Linear variation from 3 500 mm to 3 430 mm between

1 200 kg and 2 200 kg

3 430 mm at 2 200 kg

Lateral C.G Limits

L.H. limit: 180 mm

R.H. limit: 140 mm



Issue: 19 Date: 11 December 2025

14. Datum Longitudinal:

the datum plane (STA 0) is located at 3 400 mm forward

of MRH centre line.

Lateral: aircraft symmetry plane

15. Levelling Means Transmission deck16. Minimum Flight Crew 1 pilot (right seat)

17. Maximum Passenger Seating Capacity 5

When the aircraft is fitted with the forward two-place seat optional equipment, the maximum number of passengers is increased to six (pilot not included). This

option is to be used in accordance with the

corresponding RFMS.

18. Passenger Emergency Exit 2 (two), one on each side of the passenger cabin

19. Maximum Baggage/ Cargo Loads Max. load in:

R.H. side hold: 100 kg
L.H. side hold: 120 kg
Rear hold: 80 kg
Forward cabin floor: 150 kg
Rear cabin floor: 310 kg

20. Rotor Blade Control Movement For rigging information refer to Maintenance Manual

21. Auxiliary Power Unit (APU) n/a

22. Life-limited Parts The AS 350 Master Servicing Manual, Chapter 4

"Airworthiness Limitations", originally approved by DGAC FR and subsequently by EASA, contains limitations which

are mandatory.

IV. Operating and Service Instructions

1. Flight Manual AS 350 B1 Flight Manual, initially approved by DGAC FR

on 9 January 1986, or later EASA (or DGAC FR) approved

revision (reference: in French language).

2. Maintenance Manual - AS 350 Master Servicing Manual

- AS 350 Maintenance Manual

Compatibility between optional items of equipment is

described:

- from an installation aspect in the:
"Master Servicing Recommendations",

- from an operational aspect in:

"Supplements" chapter of the Flight Manual.

Structural Repair Manual AS 350 Repair Manual

4. Weight and Balance Manual Refer to approved RFM

5. Illustrated Parts Catalogue AS 350 Illustrated Parts Catalogue

6. Service Letters and Service Bulletins As published by Aérospatiale, Eurocopter France,

Eurocopter or Airbus Helicopters

7. Required Equipment Refer to EASA-approved Rotorcraft Flight Manual and

related supplements for other approved mandatory and optional equipment and Master Minimum Equipment

List.

Issue: 19 Date: 11 December 2025

V. Notes

1. Manufacturer's eligible serial numbers: For AS 350 B1: s/n 1822, and subsequent.

- 2. The commercial designation is: Ecureuil
- 3. Non-proprietary data contained in selected Special Conditions that are part of the Certification Basis are published in the 'Explanatory Note No: TCDS EASA.R.008'. The document is not exhaustive and will be gradually updated.

* * *

Date: 11 December 2025 Issue: 19

SECTION 4: AS 350 B2

I. General

Type/ Model

AS 350 1.1 Type 1.2 Model AS 350 B2

2. Airworthiness Category Small Rotorcraft 3. Manufacturer Airbus Helicopters

Aéroport International Marseille Provence

13725 Marignane CEDEX, France

For helicopters manufactured under license see sub-

paragraph V.1 – Eligible serial numbers.

Type Certification Application Date to DGAC FR: 6 October 1988

5. State of Design Authority FASA

(pre EASA: DGAC FR, France)

6. Type Certificate Date by DGAC FR 26 April 1989

7. Type Certificate n° EASA.R.008 (former DGAC FR: 157) 8. Type Certificate Data Sheet n° EASA.R.008 (former DGAC FR: 157)

9. **EASA Type Certification Date** 28 September 2003,

in accordance with CR (EU) 1702/2003, Article 2, 3., (a),

(i), 2nd bullet, 1st indented bullet.

II. Certification Basis For details about II.3. and II.6., see Note V.3

Reference Date for determining the For Airworthiness and Environmental Protection: applicable requirements

19 June 1974 (see II.3.)

for OSD elements: 17 February 2014.

Airworthiness Requirements 2.1

FAR Part 27, Amdts. 1 to 10 included 2.2 For a/c equipped with Emergency as above (2.1) with the following additional requirement Floatation System (EFS) (removable of CS 27, Amdt. 10, dated 27 January 2023: 27.1587-b3 parts P/N / MPN: [223244-0 /

Special Conditions Complementary and special conditions defined in letters

6518, dated 17 August 1976, 6437, dated 28 July 1977,

and 53639, dated 25 June 1985 (see letter 53151/SFACT/TC, dated 9 February 1989).

For aircraft equipped with VEMD major modification, as above plus Special Conditions on protection against the effects of High Intensity Radiated Fields (F-01 HIRF) and

Lightning (F-02).

Exemptions 4. none 5. Deviations

Equivalent Safety Findings Equivalent Safety Findings for Powerplant Instrument

Markings (F-05)

7. **Environmental Protection Requirements**

704A42690057])

see TCDSN EASA.R.008 7.1 Noise Requirements

7.2 Emission Requirements n/a

Operational Suitability Data (OSD) see SECTION 10 below

8.1 Master Minimum Equipment List (MMEL) JAR-MMEL Amdt.1, dated 1 August 2005



TE.CERT.00049-001 © European Union Aviation Safety Agency, 2025. All rights reserved. ISO 9001 certified. Page 17 of 57 Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Issue: 19 Date: 11 December 2025

8.2 Flight Crew Data (FCD) CS-FCD Initial Issue 31 January 2014

III. Technical Characteristics and Operational Limitations

1. Type Design Definition Document 350A044541

2. Description Main rotor: three (3) blades

Tail rotor: two (2) blades

Fuselage: metal-sheet monocoque

Landing gear: skid type

Powerplant: one turbo-shaft engine Designed as a derivative of model AS 350 B1.

Equipment The approved items of equipment are listed in Airbus

Helicopters document No. 350A044320.

The basic required equipment specified in the applicable airworthiness regulations (see certification bases) must be installed on the aircraft at certification time and at

every time after certification.

4. Dimensions

4.1 Fuselage Length: 10.93 m

Width hull: 1.87 m Height: 3.14 m

4.2 Main Rotor Diameter: 10.69 m, 3 blades4.3 Tail Rotor Diameter: 1.86 m, 2 blades

5. Engine

5.1 Model Safran Helicopter Engines (former: Turbomeca)

1 x Model Arriel 1D1

5.2 Type Certificate TC/TCDS n°: EASA.E.073 (former DGAC FR n° M5)

5.3 Limitations

5.3.1 Installed Engine Limitations and Transmission Torque Limits

	Limit TQ on shaft [Nm]	B2 without VEMD Gas generator NG ** (Δ Ng) [%]	B2 with VEMD Gas generator NG ** (Δ Ng) [%]	Min. guaranteed PWR * [kW]	Temperature T4 [°C]
Max. transient (5 sec)		107.5 % (+6)	103.1 % (+1)		
Max. TOP (5 min)	830	without P2 air bleed (0) with P2 air bleed (-0.6)	Automatic P2 derating by VEMD	478***	845
МСР		98% (-3.5)	98% (-4)	449	795

Notes: - * ISA, ground level

- ** 100% = 51 800 rpm

- *** The mechanical power has been limited to this value taking the fuel flow limit into account.

5.3.2 Transmission Torque Limits

- Max. continuous TQ: 94%

- TKOF TQ range from 0 to 40 kt: 94% to 100%

- Max. TKOF TQ: 100% - Max. transient TQ (5s): 107%

100% TQ corresponds to: 478 kW at 386 rpm MR speed



TE.CERT.00049-001 © European Union Aviation Safety Agency, 2025. All rights reserved. ISO 9001 certified. Page 18 of 57 Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Issue: 19 Date: 11 December 2025

6. Fluids

6.1 Fuel Refer to approved RFM
 6.2 Oil Refer to approved RFM
 6.3 Additives Refer to approved RFM

7. Fluid capacities

7.1 Fuel Fuel tank capacity: 540 litres

Usable fuel: 538.7 litres post AMS 07 0289 Unusable fuel: 1.3 litre post AMS 07 0289

7.2 Oil Engine: 5.2 litres

MGB: 6.5 litres (circuit included)

TGB: 0.33 litre

7.3 Coolant System Capacity

8. Air Speed Limitations V_{NE} power-on:

- 155 KIAS (287 km/h) for $H_P = 0$

- at altitude, speed decreases by 3 kt/1 000 ft

(18 km/h/1 000 m)

- in cold weather, for -30°C > OAT, subtract 10 kt

(19 km/h) from the above V_{NE}.

V_{NE} power-off:

n/a

- 125 KIAS (231 km/h) for H_P=0

- at altitude, speed decreases by 3 kt/1 000 ft (18 km/h

per 1 000 m)

- in cold weather, subtract the following values from the

above V_{NE}:

- 10 kt (19 km/h), for -20°C > OAT > -30°C

- 20 kt (37 km/h), for -30°C > OAT, without V_{NE} being

less than 65 KIAS (120 km/h).

. Rotor Speed Limitations Power on:

Maximum 394 rpm Minimum 385 rpm

Power off:

Maximum 430 rpm

(audio warning above 410 rpm)

Minimum 320 rpm (audio warning below 360 rpm)

10. Maximum Operating Altitude and Temperature

10.1 Altitude TKOF/LDG: refer to approved RFM

En route: 20 000 ft PA (6 096 m)

10.2 Temperature Refer to approved RFM

11. Operating Limitations VFR day

VFR night, when the additional equipment required by operational regulations is installed and serviceable. (For

more information refer to RFM).

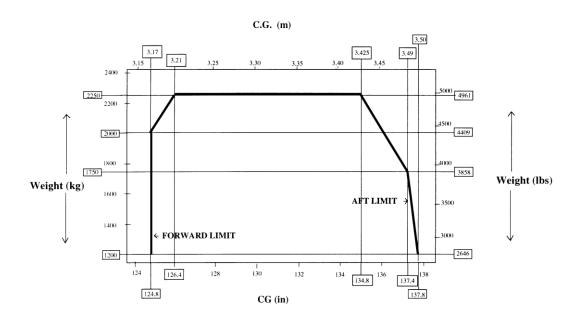
Flight in falling snow: refer to approved RFM (For more information refer to approved RFM)

12. Maximum Mass 2 250 kg

Issue: 19 Date: 11 December 2025

13. Centre of Gravity Range

Longitudinal C.G. limits



Lateral C.G Limits

L.H. limit: 180 mm R.H. limit: 140 mm

14. Datum Longitudinal:

the datum plane (STA 0) is located at 3 400 mm forward

of MRH centre line.

Lateral: aircraft symmetry plane

15. Levelling Means Transmission deck

16. Minimum Flight Crew 1 pilot (right seat)

17. Maximum Passenger Seating Capacity

When the aircraft is fitted with the forward two-place seat optional equipment, the maximum number of passengers is increased to six (pilot not included). This option is to be used in accordance with the

corresponding RFMS.

18. Passenger Emergency Exit 2 (two), one on each side of the passenger cabin

19. Maximum Baggage/ Cargo Loads Max. load in:

R.H. side hold: 100 kg
L.H. side hold: 120 kg
Rear hold: 80 kg
Forward cabin floor: 150 kg
Rear cabin floor: 310 kg

20. Rotor Blade Control Movement For rigging information refer to Maintenance Manual

21. Auxiliary Power Unit (APU) n/a

22. Life-limited Parts The AS 350 Master Servicing Manual, Chapter 4

"Airworthiness Limitations", originally approved by DGAC FR and subsequently by EASA, contains limitations which

are mandatory.

Issue: 19 Date: 11 December 2025

IV. Operating and Service Instructions

1. Flight Manual AS 350 B2 Flight Manual, approved by DGAC FR on

26 April 1989, or later approved revision (reference: in

French language).

For VEMD major modification:

AS 350 B2 (VEMD) Flight Manual, approved under ref. EASA.R.C 01396 on 22 November 2006, or later approved

revision (reference: in English language)

AS 350 B2 (VEMD) Flight Manual, approved under ref. 10029919 on 3 May 2010, or later approved revision

(reference: in French language)

2. Maintenance Manual - AS 350 Master Servicing Manual

- AS 350 Maintenance Manual

Compatibility between optional items of equipment is

described:

from an installation aspect in the:
 'Master Servicing Recommendations',

- from an operational aspect in:

'Supplements' chapter of the Flight Manual.

3. Structural Repair Manual AS 350 Repair Manual

4. Weight and Balance Manual Refer to approved RFM

5. Illustrated Parts Catalogue AS 350 B2 Illustrated Parts Catalogue

6. Service Letters and Service Bulletins As published by Aérospatiale, Eurocopter France,

Eurocopter or Airbus Helicopters

7. Required Equipment Refer to EASA-approved Rotorcraft Flight Manual and

related supplements for other approved mandatory and optional equipment and Master Minimum Equipment

List.

V. Notes

1. Manufacturer's eligible serial numbers:

For AS 350 B2: s/n 2100, and subsequent.

For AS 350 B2 with VEMD major modification: s/n 4129, and subsequent.

- AS 350 B1 converted into AS 350 B2 by application by application of Service Bulletin n° 01.26 or 01.00.26
- AS 350 B aircraft converted into AS 350 B2 by application of Service Bulletin n° 01.00.51
- AS 350 BA aircraft converted into AS 350 B2 by application of Service Bulletin n° 01.00.50 or Service Bulletin n° 01.90.61

The aircraft, the s/n of which are listed in Airbus Helicopters document:

- L102-001 are manufactured under Helibras license;
- L 102-002 are manufactured under AE-MS license.
- 2. The commercial designation is: Ecureuil
- 3. Non-proprietary data contained in selected Special Conditions and Equivalent Safety Findings that are part of the Certification Basis are published in the 'Explanatory Note No: TCDS EASA.R.008'. The document is not exhaustive and will be gradually updated.

* * *

TE.CERT.00049-001 © European Union Aviation Safety Agency, 2025. All rights reserved. ISO 9001 certified. Page 21 of 57 Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Issue: 19 Date: 11 December 2025

SECTION 5: AS 350 BA

I. General

Type/ Model

AS 350 1.1 Type 1.2 Model **AS 350 BA**

2. Airworthiness Category Small Rotorcraft 3. Manufacturer Airbus Helicopters

Aéroport International Marseille Provence

13725 Marignane CEDEX, France.

For helicopters manufactured under license see sub-

paragraph V.1 – Eligible serial numbers.

Type Certification Application Date to DGAC FR: 17 May 1991

5. State of Design Authority **EASA**

(pre EASA: DGAC FR, France)

6. Type Certificate Date by DGAC FR 26 November 1991

7. Type Certificate n° EASA.R.008 (former DGAC FR: 157) 8. Type Certificate Data Sheet n° EASA.R.008 (former DGAC FR: 157)

9. **EASA Type Certification Date** 28 September 2003,

in accordance with CR (EU) 1702/2003, Article 2, 3., (a),

(i), 2nd bullet, 1st indented bullet.

II. Certification Basis For details about II.3., see Note V.3

Reference Date for determining the For Airworthiness and Environmental Protection: applicable requirements

19 June 1974 (see II.3.)

for OSD elements: 17 February 2014.

Airworthiness Requirements

704A42690057])

2.1 FAR Part 27, Amdts. 1 to 10 included

2.2 For a/c equipped with Emergency as above (2.1) with the following additional requirement Floatation System (EFS) (removable of CS 27, Amdt. 10, dated 27 January 2023: 27.1587-b3 parts P/N / MPN: [223244-0 /

Special Conditions Complementary and special conditions defined in letters

> 6518, dated 17 August 1976, 6437, dated 28 July 1977, and 53639, dated 25 June 1985 (see letter 53881, dated

14 August 1991)

4. Exemptions none 5. Deviations none 6. **Equivalent Safety Findings** none

7. **Environmental Protection Requirements**

7.1 Noise Requirements see TCDSN EASA.R.008

7.2 Emission Requirements n/a

Operational Suitability Data (OSD) see SECTION 10 below

8.1 Master Minimum Equipment List (MMEL) JAR-MMEL Amdt.1, dated 1 August 2005

8.2 Flight Crew Data (FCD) CS-FCD Initial Issue 31 January 2014

III. Technical Characteristics and Operational Limitations

1. Type Design Definition Documents 350A044685



Date: 11 December 2025 Issue: 19

2. Description Main rotor: three (3) blades

Tail rotor: two (2) blades

Fuselage: metal-sheet monocoque

Landing gear: skid type

one turbo-shaft engine Powerplant:

Designed as a derivative of models AS 350 B1 and

AS 350 B2.

3. Equipment The basic required equipment specified in the applicable

> airworthiness regulations (see certification bases) must be installed on the aircraft at certification time and at

every time after certification.

Dimensions

4.1 Fuselage 10.93 m Length:

> Width hull: 1.87 m Height: 3.14 m

4.2 Main Rotor Diameter: 10.69 m, 3 blades 4.3 Tail Rotor Diameter: 1.86 m, 2 blades

5. **Engine**

> 5.1 Model Safran Helicopter Engines (former: Turbomeca)

> > 1 x Model Arriel 1B

TC/TCDS n°: EASA.E.073 (former DGAC FR n° M5) 5.2 Type Certificate

5.3 Limitations

5.3.1 Installed Engine Limitations and Transmission Torque Limits

	Limit TQ on shaft [Nm]	Gas generator NG ** [%]	Min. guaranteed PWR * [kW]	Temperature T4 [°C]
Max. transient (5 sec)		105		
Max. TOP (5 min)	reserved	100	478	810
МСР		98	440	775

Notes: - * ISA, ground level

- ** 100% = 51 800 rpm - Max. T4 starting: 840°C

5.3.2 Transmission Torque Limits

Max. TQ:

- IAS 40 kt - 74 km/h, or higher: 83% - IAS below 40 kt - 74 km/h: 88%

100% TQ corresponds to 478 kW power output at 386 rpm MR speed

6. Fluids

> 6.1 Fuel Refer to approved RFM 6.2 Oil Refer to approved RFM 6.3 Additives Refer to approved RFM

Fluid capacities

7.1 Fuel Fuel tank capacity: 540 litres

Usable fuel: 538.7 litres post AMS 07 0289 Unusable fuel: 1.3 litre post AMS 07 0289

7.2 Oil Engine: 5.2 litres

> MGB: 6.5 litres (circuit included)

TGB: 0.33 litre

Date: 11 December 2025 Issue: 19

n/a

7.3 Coolant System Capacity

8. Air Speed Limitations V_{NE} power-on:

- 155 KIAS (287 km/h) for PA=0
- at altitude, speed decreases by 3 kt/1 000 ft (18 km/h/1 000 m)
- in cold weather, for -30°C > OAT, subtract 10 kt (19 km/h) from the above V_{NE} .

V_{NE} power-off:

- 125 KIAS (231 km/h) for PA=0
- at altitude, speed decreases by 3 kt/1 000 ft (18 km/h/1 000 m)
- in cold weather, subtract the following values from the above V_{NE}:
 - 10 kt (19 km/h), for -20°C > OAT > -30°C
 - 20 kt (37 km/h), for -30°C > OAT, without V_{NE} being less than 65 KIAS (120 km/h).

Rotor Speed Limitations

Power on:

Maximum 394 rpm

Minimum

385 rpm

Power off:

Maximum 430 rpm (audio warning above 410 rpm) Minimum 320 rpm (audio warning below 360 rpm)

10. Maximum Operating Altitude and Temperature

10.1 Altitude

TKOF/LDG: refer to approved RFM En route: 16 000 ft PA (4 875 m)

Refer to approved RFM

10.2 Temperature

VFR day

11. Operating Limitations

VFR night, when the additional equipment required by operational regulations is installed and serviceable. (For

more information refer to RFM).

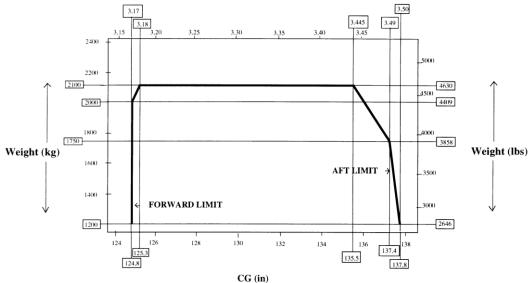
12. Maximum Mass

2 100 kg

13. Centre of Gravity Range

Longitudinal C.G. limits

CG (m)



Lateral C.G Limits L.H. limit: 180 mm

R.H. limit: 140 mm



TE.CERT.00049-001 © European Union Aviation Safety Agency, 2025. All rights reserved. ISO 9001 certified. Page 24 of 57 Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Issue: 19 Date: 11 December 2025

14. Datum Longitudinal:

the datum plane (STA 0) is located at 3 400 mm forward

of MRH centre line.

Lateral: aircraft symmetry plane

15. Levelling Means Transmission deck16. Minimum Flight Crew 1 pilot (right seat)

17. Maximum Passenger Seating Capacity

When the aircraft is fitted with the forward two-place seat optional equipment, the maximum number of passengers is increased to six (pilot not included). This

option is to be used in accordance with the

corresponding RFMS.

18. Passenger Emergency Exit 2 (two), one on each side of the passenger cabin

19. Maximum Baggage/ Cargo Loads Max. load in:

R.H. side hold: 100 kg L.H. side hold: 120 kg Rear hold: 80 kg Forward cabin floor: 150 kg Rear cabin floor: 310 kg

20. Rotor Blade Control Movement For rigging information refer to Maintenance Manual

21. Auxiliary Power Unit (APU) n/a

22. Life-limited Parts The AS 350 Master Servicing Manual, Chapter 4

"Airworthiness Limitations", originally approved by DGAC FR and subsequently by EASA, contains limitations which

are mandatory.

IV. Operating and Service Instructions

1. Flight Manual AS 350 BA Flight Manual, approved by DGAC FR on 26

November 1991, or later EASA (or DGAC FR) approved

revision (reference: in French language).

2. Maintenance Manual - AS 350 Master Servicing Manual

- AS 350 Maintenance Manual

Compatibility between optional items of equipment is

described:

- from an installation aspect in the:

"Master Servicing Recommendations",

- from an operational aspect in:

"Supplements" chapter of the Flight Manual.

3. Structural Repair Manual AS 350 Repair Manual

4. Weight and Balance Manual Refer to approved RFM

5. Illustrated Parts Catalogue AS 350 Illustrated Parts Catalogue

6. Service Letters and Service Bulletins As published by Aérospatiale, Eurocopter France,

Eurocopter or Airbus Helicopters

7. Required Equipment Refer to EASA-approved Rotorcraft Flight Manual and

related supplements for other approved mandatory and optional equipment and Master Minimum Equipment

List.



Issue: 19 Date: 11 December 2025

V. Notes

1. Manufacturer's eligible serial numbers:

For AS 350 BA: s/n 2588, and subsequent.

- AS 350 B aircraft converted into AS 350 BA by application of Service Bulletin n° 01.00.35
- AS 350 D aircraft converted into AS 350 BA by application of Service Bulletin n° 01.00.40

The aircraft, the s/n of which are listed in Airbus Helicopters document:

- L102-001 are manufactured under Helibras license;
- L102-002 are manufactured under AE-MS license.
- 2. The commercial designation is: Ecureuil
- 3. Non-proprietary data contained in selected Special Conditions that are part of the Certification Basis are published in the 'Explanatory Note No: TCDS EASA.R.008'. The document is not exhaustive and will be gradually updated.

* * *

Issue: 19 Date: 11 December 2025

SECTION 6: AS 350 BB

I. General

Type/ Model

1.1 Type AS 3501.2 Model AS 350 BB

Airworthiness Category Small Rotorcraft
 Manufacturer Airbus Helicopters

Aéroport International Marseille Provence

13725 Marignane CEDEX, France

For helicopters manufactured under license see sub-

paragraph V.1 – Eligible serial numbers.

4. Type Certification Application Date to DGAC FR: 23 July 1996

State of Design Authority EASA

(pre EASA: DGAC FR, France)

6. Type Certificate Date by DGAC FR 15 November 1996

Type Certificate n° EASA.R.008 (former DGAC FR: 157)
 Type Certificate Data Sheet n° EASA.R.008 (former DGAC FR: 157)

9. EASA Type Certification Date 28 September 2003,

in accordance with CR (EU) 1702/2003, Article 2, 3., (a),

(i), 2nd bullet, 1st indented bullet.

II. Certification Basis For details about II.3., see Note V.3

1. Reference Date for determining the For Airworthiness and Environmental Protection:

applicable requirements 19 June 1974 (see II.3.)

for OSD elements: 17 February 2014.

2. Airworthiness Requirements

2.1 FAR Part 27, Amdts. 1 to 10 included

2.2 For a/c equipped with Emergency as above (2.1) with the following additional requirement of CS 27, Amdt. 10, dated 27 January 2023: 27.1587-b3 parts P/N / MPN: [223244-0 /

704A42690057])

3. Special Conditions Complementary and special conditions defined in letters

6518, dated 17 August 1976, 6437, dated 28 July 1977,

and 53639, dated 25 June 1985

4. Exemptions none5. Deviations none

6. Equivalent Safety Findings none

Environmental Protection Requirements

7.1 Noise Requirements see TCDSN EASA.R.008

7.2 Emission Requirements n/a

8. Operational Suitability Data (OSD) see SECTION 10 below

8.1 Master Minimum Equipment List (MMEL) JAR-MMEL Amdt.1, dated 1 August 2005

8.2 Flight Crew Data (FCD) CS-FCD Initial Issue 31 January 2014

III. Technical Characteristics and Operational Limitations

1. Type Design Definition 350A044825



Issue: 19 Date: 11 December 2025

2. Description Main rotor: three (3) blades

Tail rotor: two (2) blades

Fuselage: metal-sheet monocoque

Landing gear: skid type

Powerplant: one turbo-shaft engine

3. Equipment The approved items of equipment are listed in Airbus

Helicopters document n° 350A044320.

The basic required equipment specified in the applicable airworthiness regulations (see certification bases) must be installed on the aircraft at certification time and at

every time after certification.

4. Dimensions

4.1 Fuselage Length: 10.93 m

Width hull: 1.87 m Height: 3.14 m

4.2 Main Rotor Diameter: 10.69 m, 3 blades4.3 Tail Rotor Diameter: 1.86 m, 2 blades

5. Engine

5.1 Model Safran Helicopter Engines (former: Turbomeca)

1 x Model Arriel 1D1 (with TU 221)

5.2 Type Certificate TC/TCDS n°: EASA.E.073 (former DGAC FR n° M5)

5.3 Limitations

5.3.1 Installed Engine Limitations and Transmission Torque Limits

	Limit TQ on shaft [Nm]	Gas generator NG ** [%]	Min. guaranteed PWR * [kW]	Temperature T4*** [°C]
Max. transient (5 sec)		105.7		
Max. TOP (5 min)	reserved	98.5	478	845
МСР		96.5	428	795

Notes: - * ISA, ground level

- ** Min. stabilised rating: 67% - 100% = 51 800 rpm

- *** Max. transient during starting: 865°C

5.3.2 Transmission Torque Limits

- Max. continuous: 88% for IAS < 60 kt

83% for IAS ≥ 60 kt

- Max. transient: 107% for IAS < 40 kt

88% TQ corresponds to 420 kW power output at 386 rpm MR speed,

or, 429 kW at 394 rpm MR speed.

6. Fluids

6.1 Fuel Refer to approved RFM
 6.2 Oil Refer to approved RFM
 6.3 Additives Refer to approved RFM

7. Fluid capacities

7.1 Fuel Fuel tank capacity: 540 litres

Usable fuel: 538.7 litres post AMS 07 0289 Unusable fuel: 1.3 litre post AMS 07 0289

7.2 Oil Engine: 5.2 litres

MGB: 6.5 litres (circuit included)

TGB: 0.33 litre



Issue: 19 Date: 11 December 2025

n/a

7.3 Coolant System Capacity

8. Air Speed Limitations V_{NE} power-on:

- 155 KIAS (287 km/h) for PA=0

- at altitude, speed decreases by 3 kt/1 000 ft

(18 km/h/1 000 m)

- in cold weather, for -30°C > OAT, subtract 10 kt

(19 km/h) from the above V_{NE} .

V_{NE} power-off:

- 125 KIAS (231 km/h) for PA=0

- at altitude, speed decreases by 3 kt/1 000 ft

(18 km/h/1 000 m)

- in cold weather, substract the following values from

the above V_{NE}:

 $-10 \text{ kt } (19 \text{ km/h}), \text{ for } -20 ^{\circ}\text{C} > \text{OAT} > -30 ^{\circ}\text{C}$

- 20 kt (37 km/h), for -30°C > OAT, without V_{NE} being

less than 65 KIAS (120 km/h).

Rotor Speed Limitations Power on:

Maximum 394 rpm Minimum 385 rpm

Power off:

Maximum 430 rpm

(audio warning above 410 rpm)

Minimum 320 rpm (audio warning below 360 rpm)

10. Maximum Operating Altitude and Temperature

10.1 Altitude TKOF/LDG: refer to approved RFM

En route: 16 000 ft PA (4 875 m)

10.2 Temperature Refer to approved RFM

11. Operating Limitations VFR day

VFR night, when the additional equipment required by operational regulations is installed and serviceable. (For

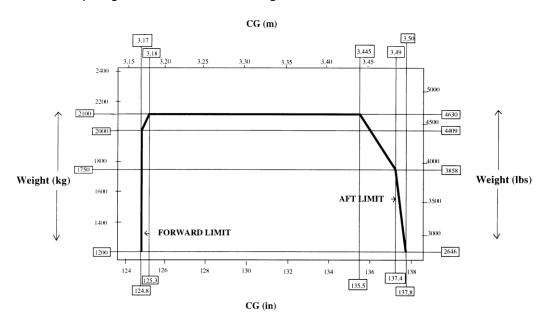
more information refer to RFM).

12. Maximum Mass 2 100 kg

Issue: 19 Date: 11 December 2025

13. Centre of Gravity Range

Longitudinal C.G. limits



Lateral C.G Limits L.H. limit: 180 mm R.H. limit: 140 mm

14. Datum

Longitudinal:

the datum plane (STA 0) is located at 3 400 mm forward

of MRH centre line.

Lateral: aircraft symmetry plane

15. Levelling Means Transmission deck16. Minimum Flight Crew 1 pilot (right seat)

17. Maximum Passenger Seating Capacity

5

When the aircraft is fitted with the forward two-place seat optional equipment, the maximum number of passengers is increased to six (pilot not included). This option is to be used in accordance with the

corresponding RFMS.

Passenger Emergency Exit
 (two), one on each side of the passenger cabin

19. Maximum Baggage/ Cargo Loads Max. load in:

R.H. side hold: 100 kg
L.H. side hold: 120 kg
Rear hold: 80 kg
Forward cabin floor: 150 kg
Rear cabin floor: 310 kg

20. Rotor Blade Control Movement For rigging information refer to Maintenance Manual

21. Auxiliary Power Unit (APU) n/

22. Life-limited Parts The AS 350 Master Servicing Manual, Chapter 4

"Airworthiness Limitations", originally approved by DGAC FR and subsequently by EASA, contains limitations which

are mandatory.

Issue: 19 Date: 11 December 2025

IV. Operating and Service Instructions

1. Flight Manual AS 350 BB Flight Manual, approved by DGAC FR on 15

November 1996, or later EASA (or DGAC FR) approved

revision (reference: in French language).

2. Maintenance Manual - AS 350 Master Servicing Manual

- AS 350 Maintenance Manual

Compatibility between optional items of equipment is

described:

- from an installation aspect in the:

"Master Servicing Recommendations",

- from an operational aspect in:

"Supplements" chapter of the Flight Manual.

3. Structural Repair Manual AS 350 Repair Manual

4. Weight and Balance Manual Refer to approved RFM

5. Illustrated Parts Catalogue AS 350 Illustrated Parts Catalogue

6. Service Letters and Service Bulletins As published by Eurocopter France, Eurocopter or

Airbus Helicopters

7. Required Equipment Refer to EASA-approved Rotorcraft Flight Manual and

related supplements for other approved mandatory and optional equipment and Master Minimum Equipment

List.

V. Notes

 Manufacturer's eligible serial numbers: For AS 350 BB: s/n 2945, and subsequent.

2. The commercial designation is: Ecureuil

3. Non-proprietary data contained in selected Special Conditions that are part of the Certification Basis are published in the 'Explanatory Note No: TCDS EASA.R.008'. The document is not exhaustive and will be gradually updated.

* * *

Issue: 19 Date: 11 December 2025

SECTION 7: AS 350 B3

I. General

Type/ Model

AS 350 1.1 Type 1.2 Model AS 350 B3

2. Airworthiness Category Small Rotorcraft 3.

Manufacturer Airbus Helicopters Aéroport International Marseille Provence

13725 Marignane CEDEX, France

For helicopters manufactured under license see sub-

paragraph V.1 – Eligible serial numbers.

Type Certification Application Date to DGAC FR: 14 October 1996

5. State of Design Authority FASA

(pre EASA: DGAC FR, France)

6. Type Certificate Date by DGAC FR 24 December 1997

7. Type Certificate n° EASA.R.008 (former DGAC FR: 157) 8. Type Certificate Data Sheet n° EASA.R.008 (former DGAC FR: 157)

9. **EASA Type Certification Date** 28 September 2003,

in accordance with CR (EU) 1702/2003, Article 2, 3., (a),

(i), 2nd bullet, 1st indented bullet.

II. Certification Basis

Reference Date for determining the applicable requirements

For details about II.3. and II.6., see Note V.4

For Airworthiness and Environmental Protection: 19 June 1974 (see II.3.)

for OSD elements: 17 February 2014.

Airworthiness Requirements

2.1

2.2 for a/c incorporating mod. OP-3369

(2 370 kg weight extension),

and/or, mod. OP-4305

(Arriel 2D engine installation)

FAR Part 27, Amdts. 1 to 10 included

as above (2.1) with the following requirements of CS 27, first issue, dated 14 November 2003 to replace the same

numbered paragraphs of FAR 27:

27.1; 27.21; 27.25; 27.27; 27.33; 27.45; 27.51; 27.65; 27.71; 27.73; 27.75; 27.79; 27.141; 27.143; 27.173; 27.175; 27.177; 27.241; 27.301; 27.303; 27.305; 27.307;

27.309; 27.321; 27.337; 27.339; 27.341; 27.351; 27.471; 27.473; 27.501; 27.505; 27.521; 27.547; 27.549; 27.563 (b); 27.571; 27.602; 27.661; 27.663; 27.695; 27.723; 27.725; 27.727; 27.737; 27.751; 27.753; 27.801 (b),(d); 27.927 (c); 27.1041; 27.1043; 27.1045;

27.1301; 27.1501; 27.1519; 27.1529; 27.1581; 27.1583; 27.1585; 27.1587; 27.1589.

2.3 for a/c incorporating mod. OP-4605 (installation of a fuel

system improving crashworthiness)

as above (2.2) with requirement CS 27.561 (c) Amdt. 3, dated 11 December 2012 replacing same numbered paragraph of FAR 27 for the following elements of the fuel tank lower structure, affected by this modification: cradles, longitudinal beams, X-stops and rods (C-03).

2.4 for a/c incorporating mod. 07.20034 (installation of a fuel

swing installation)

as above (2.3) amended by the following additional or alternative airworthiness requirements CS-27 Amdt. 3, system crash resistance compatible with dated 11 December 2012: 27.863, 27.901 (b)(5), 27.952, 27.963 (e)(f)(g)(h), 27.967, 27.973, 27.975 (b) for the fuel system and airframe structure/fuel system interfaces.



Issue: 19 Date: 11 December 2025

2.5 For a/c equipped with Emergency Floatation System (EFS) (removable parts P/N / MPN: [223244-0 /

704A42690057])

as above (2.4) with the following additional requirement of CS 27, Amdt. 10, dated 27 January 2023: 27.1587-b3

3. **Special Conditions**

3.1

- Complementary and special conditions defined in DGAC FR letter 971726, dated 3 April 1997.
- Rechargeable Lithium battery installations (F-24), - Lightweight Data Recorder installation (F-25).
- 3.2 for a/c incorporating mod. OP-3369

as above (3.1)

(2 370 kg weight extension)

3.3 for a/c incorporating mod. OP-4305

(Arriel 2D engine installation)

and/or

mod. OP-4605

(installation of a fuel system improving

crashworthiness)

and/or

mod. 07.20034 (installation of a fuel system crash resistance compatible with swing installation)

as above (3.2) and:

- Part 21.A.21 (d) taking precedence over "Complementary Condition" CC 27.903 (a) in Appendix 1 to DGAC letter 971726,
- Power plant control (E-02 (X1)) replacing Special Condition B.1. in Appendix 2 to DGAC letter 971726,
- Structure protection against lightning (D-01 (X1)) replacing Special Condition D.1. in Appendix 2 to DGAC letter 971726,
- Protection from effects of HIRF (F-01 (X1)) replacing Special Condition E1 in Appendix 3 to DGAC letter 971726,
- Immunity from effects of lightning (F-02 (X1)) replacing Special Condition E2 per Appendix 3 to DGAC letter 971726,
- Rotor drive system endurance test for HIP (E-01 (X1).

Exemptions 4. none 5. **Deviations** none

6. **Equivalent Safety Findings** Powerplant Instrument Markings (G-01 (X1)) for a/c

incorporating MOD OP-4305 (Arriel 2D engine

installation)

7. **Environmental Protection Requirements**

> 7.1 Noise Requirements see TCDSN EASA.R.008

7.2 Emission Requirements n/a

Operational Suitability Data (OSD) see SECTION 10 below

8.1 Master Minimum Equipment List (MMEL) JAR-MMEL Amdt.1, dated 1 August 2005

8.2 Flight Crew Data (FCD) CS-FCD Initial Issue 31 January 2014

III. Technical Characteristics and Operational Limitations

Type Design Definition Document 350A044805

> Document 350A045426 for aircraft incorporating modification OP-3369 (2 370 kg weight extension). Document 350A047343 for aircraft incorporating modification OP-4305 (Arriel 2D engine installation)

2. Description Main rotor: three (3) blades Tail rotor: two (2) blades

> Fuselage: metal-sheet monocoque

Landing gear: skid type

one turbo-shaft engine Powerplant: Designed as a derivative of model AS 350 B2.



TE.CERT.00049-001 © European Union Aviation Safety Agency, 2025. All rights reserved. ISO 9001 certified. Page 33 of 57 Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Issue: 19 Date: 11 December 2025

3. Equipment The approved items of equipment are listed in Airbus

Helicopters document No. 350A044320.

The basic required equipment specified in the applicable airworthiness regulations (see certification bases) must be installed on the aircraft at certification time and at

every time after certification.

4. Dimensions

4.1 Fuselage Length: 10.93 m

Width hull: 1.87 m Height: 3.14 m

4.2 Main Rotor4.3 Tail RotorDiameter: 1.86 m, 2 blades

5. Engine

5.1 Model Safran Helicopter Engines (former: Turbomeca)

1 x Model Arriel 2B, or, 1 x Model Arriel 2B1, or, 1 x Model Arriel 2D

5.2 Type Certificate Same TC/TCDS for the 3 engines models, n°: EASA.E.001

(former DGAC FR n° M19)

5.3 Limitations

5.3.1 Installed Engine Limitations and Transmission Torque Limits

On AS 350 B3 Arriel 2B (before modifications AMS 072803 and 072808):

	Limit TQ on shaft [Nm]	Gas generator NG ** (Δ Ng) [%]	Min. guaranteed PWR * [kW]	Temperature T4 [°C]
Max. transient (5 sec)		102.3 % (+1)		
Max. TOP (5 min)	853	101.1 (0)	535	915
MCD	716	94.8 (-4) V _i > 70 kt	450	940
MCP	716	97.1 (-4) V _i < 70 kt	450	849

On AS 350 B3 Arriel 2B (after modifications AMS 072803 and 072808), and on AS 350 B3 Arriel 2B1:

	Limit TQ on shaft [Nm]	Gas generator NG ** (Δ Ng) [%]	Min. guaranteed PWR * [kW]	Temperature T4 [°C]
Max. transient (5 sec)		102.3 (+1)		
Max. TOP (5 min)	853	101.1 (0)	535	915
МСР	791	97.1 (-4)	497	849

Notes: - * ISA, ground level at 386 rpm MR speed

- ** 100% = 52 110 rpm - with neither electrical nor P2 bleed, ISA ground level

Issue: 19 Date: 11 December 2025

On AS 350 B3 Arriel 2D ****:

	Limit TQ on shaft [Nm]	Gas generator NG *** (Δ Ng) [%]	Min. guaranteed PWR * [kW]	Temperature T4 [°C]
Max. transient (20 sec)		101.9 (+1)		
Max. TOP (5 min) Max. TOP/HIP (30 min) *****	853	100.9 (0)	535	949
МСР	791	98.0 (-4)	497	905

Notes: - * ISA, ground level at 386 rpm MR speed.

- ** 100% = 52 110 rpm.
- *** As the actual Ng limitations depend on ambient conditions, the operational limitations are the Δ Ng values. Ng values correspond to the maximum Ng reached in the whole flight domain.
- **** The engine is not physically derated but its performance is limited when installed in the AS 350 B3. Specific limitations have been implemented in the VEMD, allowing the pilot to control the installed Arriel 2D at the same power limitations as when an Arriel 2B1 is installed, for each aircraft rating (MCP, MTOP and MTP).
- ***** Use of HIP (Hover Increased Power, TOP 30 min) is only allowed when enhanced thermal protection is fitted on the AS 350 B3 tail boom (modification OP-4309).

5.3.2 Transmission Torque Limits

On AS 350 B3 Arriel 2B (before modifications AMS 072803 and 072808):

For V < 40 kt (74 km/h):

- Max. transient TQ (10 sec): 104%- Max. continuous TQ: 100%

For $V \ge 40 \text{ kt } (74 \text{ km/h})$:

- Max. continuous TQ: 84%

On AS 350 B3 Arriel 2B (after modifications AMS 072803 and 072808):

For V < 40 kt (74 km/h):

- Max. transient TQ (10 sec): 104%- Max. continuous TQ: 100%

For V \geq 40 kt (74 km/h):

- Max. continuous TQ: 92.7%

On AS 350 B3 Arriel 2B1:

- Max. continuous TQ: 92.7%

- TKOF TQ range from 0 to 40 kt: 92.7% to 100%

- Max. TKOF TQ: 100% - Max. transient TQ (5 sec): 104%

On AS 350 B3 Arriel 2D:

- Max. continuous TQ: 92.7%

- TKOF TQ range from 0 to 40 kt: 92.7% to 100%

- Max. TKOF TQ: 100% - Max. transient TQ (5 sec): 104%

Note: 100% TQ corresponds to: 535 kW at 386 rpm MR speed

6. Fluids Refer to approved RFM

TE.CERT.00049-001 © European Union Aviation Safety Agency, 2025. All rights reserved. ISO 9001 certified. Page 35 of 57 Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Issue: 19 Date: 11 December 2025

7. Fluid capacities

7.1 Fuel Fuel tank capacity: 540 litres

Usable fuel: 538.7 litres post AMS 07 0289

538 litres post AMS OP 4605,

or 07.20034

Unusable fuel: 1.3 litre post AMS 07 0289

2 litres post AMS OP 4605,

or 07.20034

7.2 Oil Engine: 5.2 litres

MGB: 6.5 litres (circuit included)

TGB: 0.33 litre

7.3 Coolant System Capacity n/a

8. Air Speed Limitations

8.1 For AS 350 B3 Arriel 2B

(before modifications AMS 072803 and

072808),

and for AS 350 B3 Arriel 2B1:

V_{NE} power-on:

- 155 KIAS (287 km/h) for PA=0

 at altitude, speed decreases by 3 kt/1 000 ft (18 km/h/1 000 m)

 in cold weather, for -30°C > OAT, subtract 10 kt (19 km/h) from the above V_{NE}.

V_{NE} power-off:

- 125 KIAS (231 km/h) for PA =0

- at altitude, speed decreases by 3 kt/1 000 ft (18 km/h/1 000 m), without V_{NE} being less than 65 KIAS (120 km/h)

- in cold weather, substract 20 kt (37 km/h) from the above V_{NE} for OAT < -20°C, without V_{NE} being less than 65 KIAS (120 km/h).

8.2 For AS 350 B3 Arriel 2B (after modifications AMS 072803 and 072808):

V_{NE} power-on:

- 155 KIAS (287 km/h) for PA=0

- at altitude, speed decreases by 3 kt/1 000 ft

(18 km/h/1 000 m)

 in cold weather, for -30°C > OAT, subtract 10 kt (19 km/h) from the above V_{NE}.

 In the cross-hatched area in the C of G graph, V_{NE} is limited to 133 KIAS (246 km/h) or the V_{NE} defined above (the lowest value).

V_{NE} power-off:

- 125 KIAS (231 km/h) for PA =0

- at altitude, speed decreases by 3 kt/1 000 ft (18 km/h/1 000 m), without V_{NE} being less than 65KIAS (120 km/h)

- in cold weather, substract 20 kt (37 km/h) from the above V_{NE} for OAT < -20°C, without V_{NE} being less than 65 KIAS (120 km/h).



Issue: 19 Date: 11 December 2025

8.3 For AS 350 B3 Arriel 2D: V_{NE} power-on:

- 155 KIAS (287 km/h) for PA=0

- at altitude, speed decreases by 3 kt/1 000 ft

(18 km/h/1 000)

- in cold weather, for -30 $^{\circ}$ C > OAT, subtract 10 kt

(19 km/h) from the above V_{NE} .

- In the cross-hatched area in the C of G graph, V_{NE} is limited to 133 KIAS (246 km/h) or the V_{NE} defined

above (the lowest value).

V_{NE} power-off:

- 125 KIAS (231 km/h) for PA =0

- at altitude, speed decreases by 3 kt/1 000 ft

(18 km/h/1 000 m), without V_{NE} being less than 65 KIAS

(120 km/h)

- in cold weather, substract 20 kt (37 km/h) from the above V_{NE} for OAT < -20°C, without V_{NE} being less than

65 KIAS (120 km/h).

9. Rotor Speed Limitations

9.1 For AS 350 B3 Arriel 2B: Power on:

Maximum 394 rpm

Minimum 385 rpm

9.2 For AS 350 B3 Arriel 2B1: Power on:

Maximum 405 rpm

Minimum 375 rpm

9.3 For AS 350 B3 Arriel 2D: Power on:

Maximum 405 rpm

Minimum 375 rpm

9.4 For all AS 350 B3: Power off:

Maximum 430 rpm

(audio warning above 410 rpm)

Minimum 320 rpm (audio warning below 360 rpm)

10. Maximum Operating Altitude and Temperature

10.1 Altitude TKOF/LDG: refer to approved RFM

En route: 23 000 ft PA (7 010 m), see Note 3

10.2 Temperature Refer to approved RFM

11. Operating Limitations VFR day

VFR night, when the additional equipment required by operational regulations is installed and serviceable. (For

more information refer to RFM).

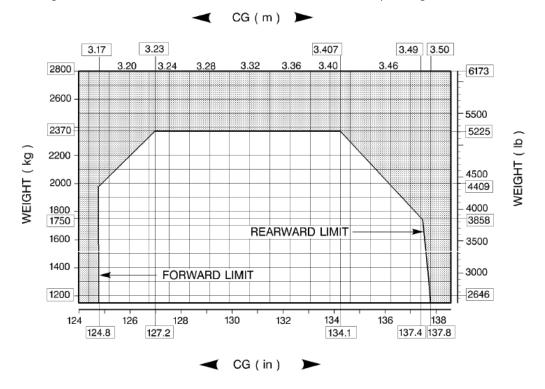
12. Maximum Mass 2 250 kg

2 370 kg, for aircraft incorporating modification OP 3369

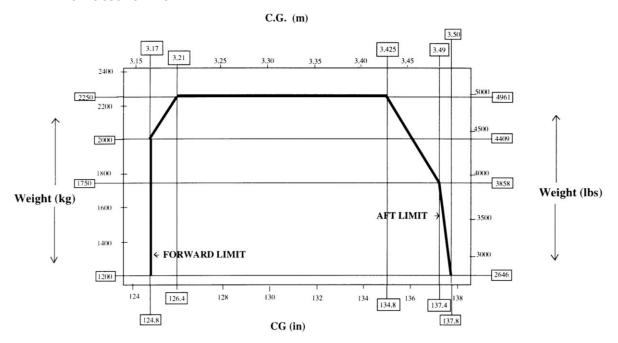
Issue: 19 Date: 11 December 2025

13. Centre of Gravity Range

13.1 Longitudinal C.G. limits for AS 350 B3 Arriel 2B1 for aircraft incorporating modification OP-3369:

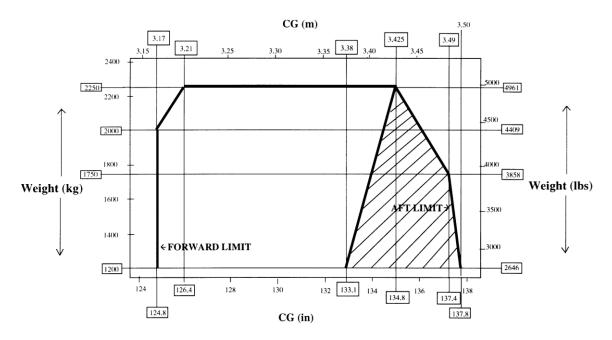


13.2 Longitudinal C.G. limits for AS 350 B3 Arriel 2B (before modifications AMS 072803 and 072808), and for AS 350 B3 Arriel 2B1

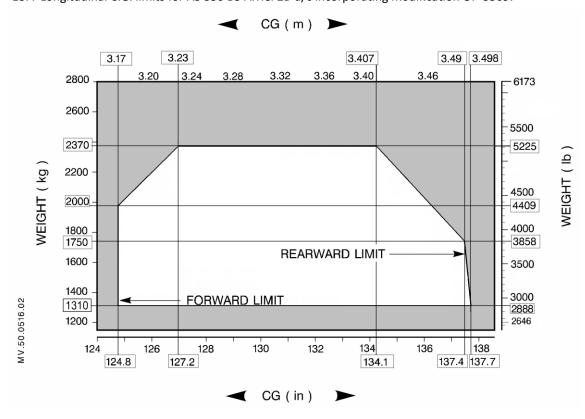


Issue: 19 Date: 11 December 2025

13.3 Longitudinal C.G. limits for AS 350 B3 Arriel 2B (after modifications AMS 072803 and 072808):



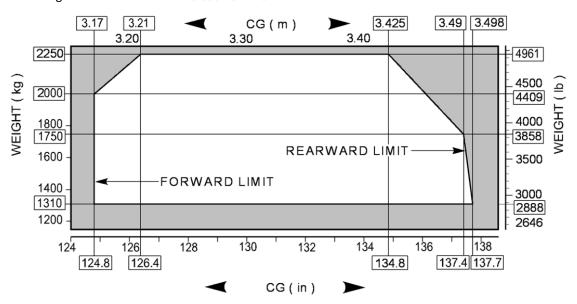
13.4 Longitudinal C.G. limits for AS 350 B3 Arriel 2D a/c incorporating modification OP-3369:



TE.CERT.00049-001 © European Union Aviation Safety Agency, 2025. All rights reserved. ISO 9001 certified. Page 39 of 57 Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Issue: 19 Date: 11 December 2025

13.5 Longitudinal C.G. limits for AS 350 B3 Arriel 2D:



13.6 Lateral C.G Limits:

L.H. limit: 180 mm up to 2 250 kg, and

80 mm from 2 250 up to 2 370 kg for aircraft incorporating modification OP3369

R.H. limit: 140 mm up to 2 250 kg and

80 mm from 2 250 up to 2 370 kg for aircraft incorporating modification OP3369

14. Datum Longitudinal:

the datum plane (STA 0) is located at 3 400 mm forward

of MRH centre line.

Lateral: aircraft symmetry plane

15. Levelling Means Transmission deck16. Minimum Flight Crew 1 pilot (right seat)

17. Maximum Passenger Seating Capacity 5

When the aircraft is fitted with the forward two-place seat optional equipment, the maximum number of passengers is increased to six (pilot not included). This

option is to be used in accordance with the

corresponding RFMS.

18. Passenger Emergency Exit 2 (two), one on each side of the passenger cabin

19. Maximum Baggage/ Cargo Loads Max. load in:

R.H. side hold: 100 kg L.H. side hold: 120 kg Rear hold: 80 kg Forward cabin floor: 150 kg Rear cabin floor: 310 kg

20. Rotor Blade Control Movement For rigging information refer to Maintenance Manual

21. Auxiliary Power Unit (APU) n/a

22. Life-limited Parts The AS 350 Master Servicing Manual Chapter 4

"Airworthiness Limitations", originally approved by DGAC FR and subsequently by EASA (or DGCA-F), contains

in the diagraph of the second of the second

limitations which are mandatory.



TE.CERT.00049-001 © European Union Aviation Safety Agency, 2025. All rights reserved. ISO 9001 certified. Page 40 of 57 Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Issue: 19 Date: 11 December 2025

IV. Operating and Service Instructions

1. Flight Manual

- AS 350 B3 Arriel 2B Flight Manual, approved by DGAC FR on 24 December 1997 plus rapid revision RR 1A (after modifications AMS 072803 and 072808), or later (DGAC FR and subsequently EASA) approved revisions (reference: in English language).
- AS 350 B3 Arriel 2B1 Flight Manual, approved by DGAC FR on 16 July 2004, or later (DGAC FR and subsequently EASA) approved revision (reference: in English language).
- AS 350 B3e Flight Manual, in English (for a/c incorporating mod. OP-4305 Arriel 2D engine installation and additional modifications to the tail rotor control system see point 2 in section V. Notes), EASA-approved 17 June 2011, or later approved revisions
- AS 350 B3e Flight Manual, in French (for a/c incorporating mod. OP-4305 Arriel 2D engine installation and additional modifications to the tail rotor control system see point 2 in section V. Notes), EASA-approved 17 June 2011, or later approved revisions.

2. Maintenance Manual

- AS 350 B3 Master Servicing Manual
- AS 350 Maintenance Manual

Compatibility between optional items of equipment is

described:

- from an installation aspect in the: "Master Servicing Recommendations",
- from an operational aspect in:
- "Supplements" chapter of the Flight Manual.

3. Structural Repair Manual

AS 350 Repair Manual Refer to approved RFM

Weight and Balance Manual
 Illustrated Parts Catalogue

AS 350 B3 Illustrated Parts Catalogue

6. Service Letters and Service Bulletins

As published by Eurocopter or Airbus Helicopters

7. Required Equipment

Refer to EASA-approved Rotorcraft Flight Manual and related supplements for other approved mandatory and optional equipment and Master Minimum Equipment List.

V. Notes

1. Manufacturer's eligible serial numbers:

for AS 350 B3: s/n 2968, s/n 3063, and subsequent.

for AS 350 B3: s/n 4201, and subsequent for aircraft incorporating modification OP-3369 (2 370 kg

weight extension).

for AS 350 B3: s/n 4767, and subsequent for aircraft incorporating modification OP-4305 (with or

without modification OP-3369).

The aircraft, the s/n of which are listed in Airbus Helicopters document:

- L102-001 are manufactured under Helibras license;
- L 102-002 are manufactured under AE-MS license.
- 2. The commercial designation is: Ecureuil

The commercial designation related to particular modifications (MOD):

- OP-4305 (Arriel 2D engine installation), and additionally,
- 07-5601 (Tail rotor control mechanism modification),
- 07-5600 (Tail rotor blade reinforcement),
- 07-8551 (Tail Gear Box control lever modification)

is H125 (previously AS 350 B3e).



TE.CERT.00049-001 © European Union Aviation Safety Agency, 2025. All rights reserved. ISO 9001 certified. Page 41 of 57 Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Issue: 19 Date: 11 December 2025

- 3. For helicopters fitted with:
 - Arriel 2B engine and Pre-MOD 072810; or,
 - Arriel 2B1 or Arriel 2D engine, and Post-Mod 073368 and Pre-MOD AL-4236; en route altitude is 20 000 ft (6 096m).
- 4. Non-proprietary data contained in selected Special Conditions, Equivalent Safety Findings and Requirements elected to comply, that are part of the Certification Basis are published in the 'Explanatory Note No: TCDS EASA.R.008'. The document is not exhaustive and will be gradually updated.

* * *

Issue: 19 Date: 11 December 2025

SECTION 8: EC 130 B4

I. General

Type/ Model

EC 130 1.1 Type 1.2 Model EC 130 B4

2. Airworthiness Category Small Rotorcraft 3. Manufacturer Airbus Helicopters

Aéroport International Marseille Provence

13725 Marignane CEDEX, France

4. Type Certification Application Date to JAA: 23 March 1998

5. State of Design Authority **EASA**

(pre EASA: DGAC FR, France)

Type Certificate Date by DGAC FR 14 December 2000

(JAA recommendation date: same) EASA.R.008 (former DGAC FR: 157)

7. Type Certificate n° Type Certificate Data Sheet n° EASA.R.008 (former DGAC FR: 157)

(based on JAA data sheet No JAA/27/00/003, Issue 6,

dated June 2004)

9. **EASA Type Certification Date** 28 September 2003,

in accordance with CR (EU) 1702/2003, Article 2, 3., (a),

For Airworthiness and Environmental Protection:

(i), 2nd bullet, 1st indented bullet.

II. Certification Basis

For details about II.3., II.4. and II.6., see Note V.3

Reference Date for determining the applicable requirements

23 March 1998

for OSD elements: 17 February 2014.

2. Airworthiness Requirements

> 2.1 JAR 27, Issue 1, dated 6 September 1993, and Orange Paper Amdt. 27/98/1, effective 16 February 1998.

of CS 27, Amdt. 10, dated 27 January 2023: 27.1587-b3

Note: Administrative requirements (e.g. ANR) may apply. 2.2 For a/c equipped with Emergency as above (2.1) with the following additional requirement

Floatation System (EFS) (removable parts P/N / MPN: [217228-1 / 704A42690053] or [217227-1 //

704A42690054])

Special Conditions

High intensity radiated field (HIRF) (F-01)

4. Exemptions - Rear seat bench with regard to JAR 27.562^(*) and

JAR 27.785^(*) (a),(b),(j) (C-01 and D-01)

- Fuel systems with regard to JAR 27.952 (a),(c),(d),(f),(g)

(E-01)

(*): see Note 2

5. **Deviations** none

6. **Equivalent Safety Findings** - Main gearbox oil filter bypass (E-04)

- Powerplant instrument markings (F-03)

7. **Environmental Protection Requirements**

> 7.1 Noise Requirements see TCDSN EASA.R.008

7.2 Emission Requirements n/a



TE.CERT.00049-001 © European Union Aviation Safety Agency, 2025. All rights reserved. ISO 9001 certified. Page 43 of 57 Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

3.

Issue: 19 Date: 11 December 2025

8. Operational Suitability Data (OSD) see SECTION 10 below

8.1 Master Minimum Equipment List (MMEL) JAR-MMEL Amdt.1, dated 1 August 2005

8.2 Flight Crew Data (FCD) CS-FCD Initial Issue 31 January 2014

III. Technical Characteristics and Operational Limitations

1. Type Design Definition Document 350A047053

2. Description Main rotor: three (3) blades

Tail rotor: Fan-in-fan, ten (10) blades

Fuselage: composite and metal-sheet monocoque

Landing gear: skid type

Powerplant: one turbo-shaft engine Designed as a derivative of model AS 350 B3.

3. Equipment As per compliance with JAR 27 requirements and

included in the original Type Design Standard or indicated

on the Section 2 - Limitations of the RFM

4. Dimensions

4.1 Fuselage Length: 10.68 m

Width hull: 2.03 m Height: 3.61 m

4.2 Main Rotor Diameter: 10.69 m, 3 blades4.3 Tail Rotor Diameter: 1.00 m, 10 blades

5. Engine

5.1 Model Safran Helicopter Engines (former: Turbomeca)

1 x Model Arriel 2B1

5.2 Type Certificate TC/TCDS n°: EASA.E.001 (former DGAC FR n° M19)

5.3 Limitations

5.3.1 Installed Engine Limitations and Transmission Torque Limits

	Limit TQ on shaft [Nm]	Gas generator NG * [%]	Min. guaranteed PWR [kW]	Temperature T4** [°C]
Max. transient		102.3 (+1)		865 (10 sec)
Max. TOP (5 min)	reserved	101.1 (0)	reserved	915
МСР		97.1 (-4)	reserved	849

<u>Notes:</u> - * 100% = 52 110 rpm

- ** Max. continuous during starting: 750°C

5.3.2 Transmission Torque Limits

- Max. transient (5 sec): 104%- Max. take-off: 100%- Max. continuous: 92.7%

100% TQ corresponds to 536 kW at 6 000 rpm engine speed = 386 rpm MR speed.

5. Fluids Refer to approved RFM

Issue: 19 Date: 11 December 2025

7. Fluid capacities

7.1 Fuel Fuel tank capacity: 540 litres

Usable fuel: 538.7 litres

538 litres post AMS MC.8020 (retrofit installation of a crash

resistant fuel system)

Unusable fuel: 1.3 litre

2 litres post AMS MC.8020 (retrofit installation of a crash

resistant fuel system)

7.2 Oil Refer to approved RFM

7.3 Coolant System Capacity n/a

8. Air Speed Limitations V_{NE} power-on:

155 KIAS for PA=0 less 3 kt/1 000 ft

V_{NE} power-off:

125 KIAS for PA=0 less 3 kt/1 000 ft

9. Rotor Speed Limitations Power on:

Maximum 405 rpm Minimum 375 rpm

Power off:

Maximum 430 rpm (audio warning above 410 rpm) Minimum 320 rpm (audio warning below 360 rpm)

10. Maximum Operating Altitude and Temperature

10.1 Altitude TKOF/LDG: refer to approved RFM

En route: 23 000 ft PA (7 010 m)

10.2 Temperature Minimum: -20°C or -40°C after modification 076302

Maximum: ISA +35°C limited to +50°C

11. Operating Limitations - Day VFR

- Night VFR, if modification 07-3664 is installed

- Aerobatic manoeuvres are prohibited

Flights under icing and in freezing rain are prohibitedFlights in falling snow are prohibited except if sand

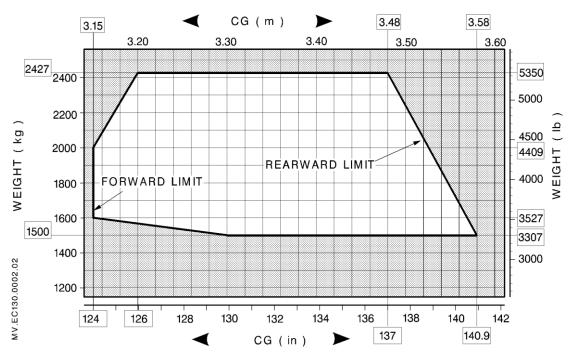
filter is installed (see RFMS 9-14)

12. Maximum Mass 2 427 kg

Date: 11 December 2025 Issue: 19

13. Centre of Gravity Range

Longitudinal C.G. limits



Lateral C.G Limits L.H. limit: 100 mm R.H. limit: 100 mm

14. Datum

Longitudinal:

the datum plane (STA 0) is located at 3 400 mm forward

of MRH centre line.

Lateral: aircraft symmetry plane

15. Levelling Means

Mechanical floor

16. Minimum Flight Crew

- 1 pilot (left seat)
- 17. Maximum Passenger Seating Capacity
- 6 (2 in the front and 4 in the rear)
- 7 (3 in the front and 4 in the rear) after modification OP-3673

18. Passenger Emergency Exit

2 (two), one on each side of the fuselage

Maximum Baggage/ Cargo Loads

Loading 300 kg/m² except 145 kg/m² for rear cargo compartment.

Max. load in:

R.H. cargo compartment: 130 kg L.H. cargo compartment: 155 kg Rear cargo compartment: 80 kg Forward cabin floor: 405 kg Rear cabin floor: 495 kg

20. Rotor Blade Control Movement

For rigging information refer to Maintenance Manual

21. Auxiliary Power Unit (APU)

n/a

22. Life-limited Parts

The EC 130 Master Servicing Manual, Chapter 4 "Airworthiness Limitations", originally approved by DGAC

FR and subsequently by EASA (or DGCA FR), contains

limitations which are mandatory.

Issue: 19 Date: 11 December 2025

IV. Operating and Service Instructions

Flight Manual
 EC 130 B4 Flight Manual (in English), approved by DGAC
 FR on 29 November 2000, or later approved revision.

- EC 130 B4 Flight Manual (in French), approved by DGAC

FR on 27 May 2002, or later approved revision.

2. Maintenance Manual - EC 130 B4 Master Servicing Manual - Chapter 04

(Airworthiness Limitations), approved by DGAC FR on 6 December 2000, or later EASA (DGAC FR) approved

revision/edition (in English)

- EC 130 Maintenance Manual

3. Structural Repair Manual EC 130 B4, T2 Structural Repair Manual

4. Weight and Balance Manual Refer to approved RFM

5. Illustrated Parts Catalogue EC 130 B4 Illustrated Parts Catalogue

6. Service Letters and Service Bulletins As published by Eurocopter or Airbus Helicopters

7. Required Equipment

Refer to EASA-approved Rotorcraft Flight Manual and related supplements for other approved mandatory and optional equipment and Master Minimum Equipment List.

V. Notes

1. Manufacturer's eligible serial numbers: For EC 130 B4: s/n 3358, and subsequent.

- 2. OP-3640 is compliant with JAR 27.785 and FAR 27.562, Amdt. 32 (CRD 350ABN0071 issue c), unless further modifications have been performed.
- Non-proprietary data contained in selected Special Conditions, Exemptions and Equivalent Safety
 Findings that are part of the Certification Basis are published in the 'Explanatory Note No: TCDS
 EASA.R.008'. The document is not exhaustive and will be gradually updated.

* * *

Issue: 19 Date: 11 December 2025

SECTION 9: EC 130 T2

I. General

1. Type/ Model

1.1 Type1.2 Model

2. Airworthiness Category

3. Manufacturer

4. Type Certification Application Date

5. State of Design Authority

6. EASA Type Certification Date

II. Certification Basis

 Reference Date for determining the applicable requirements

Airworthiness Requirements

2.1

2.2 for a/c incorporating MOD. 074581 (new tail boom: structure and flight controls) EC 130

EC 130 T2

Small Rotorcraft

Airbus Helicopters

Aéroport International Marseille Provence

13725 Marignane CEDEX, France

14 October 2010

EASA

25 May 2012

For details about II.3, and II.5 see Note V.3

For Airworthiness and Environmental Protection:

23 March 1998

for OSD elements: 17 February 2014.

JAR 27 1st issue, dated 6 September 1993, and Orange Paper Amdt. 27/98/1, effective 16 February 1998.

as above (2.1) with the following requirements of CS 27 Amdt. 3 of 11 December 2012 as replacement of the same numbered paragraphs of JAR 27 1st issue, dated 6 September 1993 and Orange Paper Amdt. 27/98/1, effective 16 February 1998:

- for the rear engine compartment: §305, §307, §351 (rear engine cowling), §471, §473-a, §501, §603, §609, §610, §613, §1529;
- for the tailboom: §305, §307, §471, §473 (a), §501, §571(metallic cone junctions), §573 (composite spacer),§603, §609, §610, §613, §1529 with addition of §351, §1041, §1043, §1045, §1194 for the specific rear transmission fairing including thermal shield area;
- for the fenestron structure: §305, §307, §411, §471, §473
 (a), §501, §571, §573 (Fenestron one-shot structure),
 §603, §609, §610, §613, §725-a, §1529;
- for the cooling aspects of rear transmission: §1041, §1043, §1045.

2.3 For a/c equipped with Emergency Floatation System (EFS) (removable parts P/N / MPN: [217228-1 / 704A42690053] or [217227-1 // 704A42690054]) as above (2.2) with the following additional requirement of CS 27, Amdt. 10, dated 27 January 2023: 27.1587-b3

3. Special Conditions

- High intensity radiated field (F-01 (X2))
- Rotor drive system endurance test for HIP rating (E-02 (X2))
- Rechargeable Lithium battery installations (F-24)
- Lightweight Data Recorder installation (F-25)

4. Deviations

none

Issue: 19 Date: 11 December 2025

5. Equivalent Safety Findings - Main gearbox oil filter by pass (EC 130 B4 E-04)

- Powerplant instrument markings (G-01 (X2))

6. Environmental Protection Requirements

6.1 Noise Requirements see TCDSN EASA.R.008

6.2 Emission Requirements n/a

7. Operational Suitability Data (OSD) see SECTION 10 below

7.1 Master Minimum Equipment List (MMEL) JAR-MMEL Amdt.1, dated 1 August 2005

7.2 Flight Crew Data (FCD) CS-FCD Initial Issue 31 January 2014

III. Technical Characteristics and Operational Limitations

1. Type Design Definition Document 350A047422

2. Description Main rotor: three (3) blades

Tail rotor: Fan-in-fan ten (10) blades

Fuselage: Composite and metal-sheet monocoque

Landing gear: skid type

Powerplant: one turbo-shaft engine Designed as a derivative of model EC 130 B4.

3. Equipment As per compliance with EC 130 T2 certification basis and

included in the original Type Design Standard or indicated

on the section 2 - Limitations of the RFM.

4. Dimensions

4.1 Fuselage Length: 10.68 m

Width hull: 2.03 m

Height: 3.61 m

4.2 Main Rotor Diameter: 10.69 m, 3 blades

4.3 Tail Rotor Diameter: 1.00 m, 10 blades

5. Engine

5.1 Model Safran Helicopter Engines (former: Turbomeca)

1 x Model Arriel 2D

5.2 Type Certificate TC/TCDS n°: EASA.E.001

5.3 Limitations

5.3.1 Installed Engine Limitations and Transmission Torque Limits:

		Gas generator *** NG ** (Δ Ng) [%]		Temperature T45 [°C]
Max. transient (20 sec)		102.8 (+1)		
Max. TOP (5 min) **** Max. TOP (30 min) HIP ****	951	101.7 (0)	597.5	949
МСР	773	97.7 (-4)	485.7	905

Notes: - * ISA, ground level at 386 rpm MR speed.

- ** 100% = 52 110 rpm.
- *** As the actual Ng limitations depend on ambient conditions, the operational limitations are the Δ Ng values. Ng values correspond to the maximum Ng reached in the whole flight domain.
- **** Use of 'TOP (30 min)' power is limited to 30 min. continuous use. Cumulated use per flight of 'TOP (5 min)' and 'TOP (30 min)' powers is limited to 60 min.



Issue: 19 Date: 11 December 2025

5.3.2 Transmission Torque Limits - Max. transient (5 sec): 104%

- Max. take-off: 100% - Max. continuous: 81.3%

100% TQ corresponds to 598 kW at 386 rpm MR speed.

6. Fluids Refer to approved RFM

7. Fluid capacities

7.1 Fuel Fuel tank capacity: 540 litres

Usable fuel: 538 litres

7.2 Oil Refer to approved RFM

7.3 Coolant System Capacity n/a

8. Air Speed Limitations V_{NE} power-on:

- 155 KIAS at MSL less 3 kt/1 000 ft

- 136 KIAS at MSL less 3 kt/2 000 ft below 12 750 ft PA

for reduced V_{NE} area (refer to RFM)

V_{NE} power-off:

125 KIAS at MSL less 3 kt/1 000 ft

9. Rotor Speed Limitations Power on:

Maximum 405 rpm Minimum 375 rpm

Power off:

Maximum 430 rpm (audio warning above 410 rpm) Minimum 320 rpm (audio warning below 360 rpm)

10. Maximum Operating Altitude and Temperature

10.1 Altitude TKOF/LDG: refer to approved RFM

En route: 23 000 ft PA (7 010 m)

10.2 Temperature Minimum: -40°C

Maximum: ISA +35°C limited to +50°C

11. Operating Limitations - Day VFR

 Night VFR, when additional equipment required by operational regulations is installed and serviceable

- Aerobatic manoeuvres are prohibited

- Flights under icing conditions and in freezing rain are

prohibited

- Flights in falling snow are prohibited except if sand

filter is installed (see RFMS SUP.14)

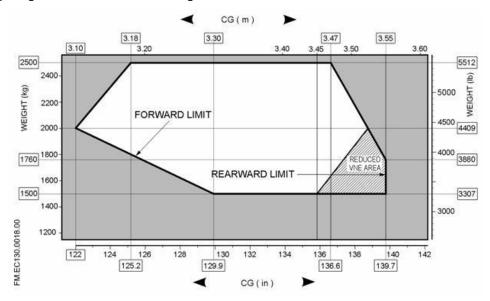
For more information refer to Flight Manual

12. Maximum Mass 2 500 kg

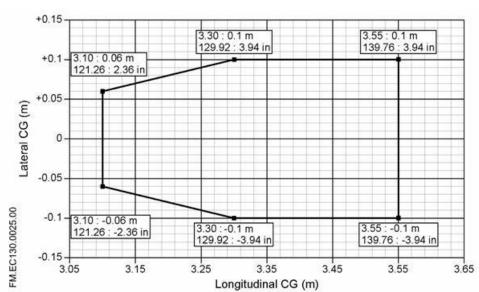
Issue: 19 Date: 11 December 2025

13. Centre of Gravity Range

Longitudinal C.G. limits



Lateral C.G Limits



14. Datum

Longitudinal:

the datum plane (STA 0) is located at 3 400 mm forward

of MRH centre line.

Lateral: aircraft symmetry plane

15. Levelling Means

Mechanical floor

16. Minimum Flight Crew

1 pilot (left seat)

17. Maximum Passenger Seating Capacity

- 6 (2 in the front and 4 in the rear)
- 7 (3 in the front and 4 in the rear) if modification OP-3673 or OP-3888 is installed.

18. Passenger Emergency Exit

2 (two), one on each side of the fuselage

Issue: 19 Date: 11 December 2025

19. Maximum Baggage/ Cargo Loads Loading 300 kg/m², except 145 kg/m² for rear cargo

compartment. Max. load in:

R.H. cargo compartment: 130 kg
L.H. cargo compartment: 155 kg
Rear cargo compartment: 80 kg
Forward cabin floor: 405 kg
Rear cabin floor: 495 kg

20. Rotor Blade Control Movement For rigging information refer to Maintenance Manual

21. Auxiliary Power Unit (APU) n/a

22. Life-limited Parts The EC 130 Master Servicing Manual, Chapter 4

"Airworthiness Limitations", originally approved by DGAC FR and subsequently by EASA (or DGCA-F), contains

limitations which are mandatory.

IV. Operating and Service Instructions

1. Flight Manual (in English), EASA-approved on

25 May 2012, or later approved revision

2. Maintenance Manual - Chapter 04

(Airworthiness Limitations Section), EASA-approved on 25 June 2012, or later approved revision/edition (in

English).

- EC 130 Maintenance Manual

3. Structural Repair Manual EC 130 B4, T2 Structural Repair Manual

4. Weight and Balance Manual Refer to approved RFM

5. Illustrated Parts Catalogue EC 130 T2 Illustrated Parts Catalogue

6. Service Letters and Service Bulletins As published by Eurocopter or Airbus Helicopters

7. Required Equipment Refer to EASA-approved Rotorcraft Flight Manual and

related supplements for other approved mandatory and optional equipment and Master Minimum Equipment

List.

V. Notes

1. Manufacturer's eligible serial numbers: For EC 130 T2: s/n 7355, and subsequent.

2. The commercial designation is: H130

3. Non-proprietary data contained in selected Special Conditions and Equivalent Safety Findings that are part of the Certification Basis are published in the 'Explanatory Note No: TCDS EASA.R.008'. The document is not exhaustive and will be gradually updated.

* * *

Issue: 19 Date: 11 December 2025

SECTION 10: OPERATIONAL SUITABILITY DATA (OSD)

The OSD elements listed below are approved by the European Union Aviation Safety Agency as per Commission Regulation (EU) 748/2012, as amended by Commission Regulation (EU) No 69/2014.

OSD Elements

1. MMEL

For all models:

MMEL AS 350 and EC 130, Normal Revision 4, Issue 2, Date code 12-06, dated 27 September 2015, or later EASA approved revisions

2. Flight Crew Data

For all models:

EASA Operational Suitability Data (OSD) Flight Crew Data (FCD) ECUREUIL/SINGLE ENGINE FAMILY AS350B/D/B1/B2/BA/BB/B3 and EC130B4/T2, NR2, data code 19-50, or later EASA approved revisions.

Issue: 19 Date: 11 December 2025

SECTION 11: CS26 COMPLIANCE INFORMATION

The CS 26 compliance information for AS350 and EC130 is provided in document "350N043005E_TN - LIGHT HELICOPTERS COMPLIANCE TO CS 26 FOR AS350 AS355 EC130 MODELS", available upon request to Airbus Helicopters.

Issue: 19 Date: 11 December 2025

SECTION: ADMINISTRATIVE

I. Acronyms and Abbreviations

ALS	Airworthiness Limitations Section	MRH	Main Rotor Hub
Amdt.	Amendment	MSL	Mean Sea Level
B.L.	Butt Line	MSM	Maintenance Servicing Manual
TGB	Tail Gear Box	MTOP	Maximum Take-off Power
MGB	Main Gear Box	MTP	Maximum Transient Power
C.G.	Centre of Gravity	NG	Gas Generator
CR	(European) Commission Regulation	OSD	Operational Suitability Data
DGAC FR	Direction Générale de l'Aviation Civile	PA	Pressure Altitude
	- France	PWR	Power
HIRF	High Intensity Radiated Field	R.H.	right-hand
IAS	Indicated air speed	RFM	Rotorcraft Flight Manual
JAA	Joint Aviation Authorities	RFMS	Rotorcraft Flight Manual supplement
JAR	Joint Aviation Requirements	s/n	Serial Number
L.H.	left-hand	sec	Seconds
LDG	Landing	STA	Station
Max.	Maximum	TKOF	Take-Off
MCP	Maximum Continuous Power	то	Take-Off
min	Minute	TOP	Take-Off Power
Min.	Minimum	TQ	Torque
MMEL	Master Minimum Equipment List	VFR	Visual Flight Rules
MOD	Modification	V _{NE}	Never Exceed Speed
MR	Main rotor	text	partly amended text

II. Type Certificate Holder Record

Type Certificate Holder	Period
Aerospatiale 37, Boulevard de Montmorency 75781 Paris CEDEX 16, France	From 27 October 1977 until 31 December 1991
Eurocopter France Aéroport International Marseille Provence 13725 Marignane CEDEX, France	From 1 January 1992 until 31 May 1997
Eurocopter Aéroport International Marseille Provence 13725 Marignane CEDEX, France	From 1 June 1997 until 6 January 2014
Airbus Helicopters Aéroport International Marseille Provence 13725 Marignane CEDEX, France	Since 7 January 2014

Issue: 19 Date: 11 December 2025

III. Surrendered Models

Model	
AS 350 C	This helicopter model was certified by DGAC FR under Type Certificate n° 157 on 2 September 1977. The type design was surrendered and subsequently cancelled on 1 June 1997 following the cancellation of the certification of its Lycoming LTS 101-600 A turboshaft engine on 20 April 1987.
AS 350 D1	This helicopter model was certified by DGAC FR under Type Certificate n° 157 on 4 July 1978. The type design was surrendered and subsequently cancelled on 14 December 2000.

IV. Change Record

Issue	Date	Changes	TC issue
Issue 1	18 Oct 2005	Initial issue of EASA TCDS and supersedes DGAC FR TCDS No. 157, issue 16	Initial Issue, 18 October 2005
Issue 2	23 Jan 2007	AS 350B3 OP-3369 added, AS 350B2 VEMD added	
Issue 3	12 Oct 2007	AS 350 B2 installed engine limits corrected; AS 350 B2 VEMD installed engine limits added; SBs for AS 350 B1, AS 350 B, and AS 350 BA conversion into AS 350 B2 added	
Issue 4	23 Nov 2009	Engine TCDS references corrected; §865 removed from airworthiness requirements for AS 350 B3 OP-3369; transmission torque limits definitions corrected; SB for AS 350 BA conversion into AS 350 B2 added	
Issue 5	17 Jun 2011	AS 350 B2 (VEMD) Flight Manual (reference in French language) added, limitations placard corrected, Arriel 2B1 installed engine limits corrected in AS 350 B3 and EC 130 B4 sections, AS 350B3 OP-4305 incorporated	
Issue 6	25 May 2012	EC 130 T2 model added; note "**" under Arriel 2D installed engine limits table in AS 350 B3 section corrected; superseded DGAC FR TCDS issuance date corrected; TCDS format and editorial changes	Re-issued 25 May 2012
Issue 7	7 Jan 2014	Name change of Type Certificate holder from Eurocopter to Airbus Helicopters; duration of Arriel 2D maximum transient power corrected in AS 350 B3 and EC 130 T2 installed engine limits tables; reference to modification OP-3888 added in Maximum number of occupants (including flight crew) for EC 130 T2	Re-issued 7 January 2014
Issue 8	17 Jul 2014	AS 350B3 OP-4605 added	
Issue 9	18 Mar 2015	Precisions added to the fuel quantities of AS 350 B3	
Issue 10	15 Dec 2015	List of Acronyms completed, all Sections numbered; new "Operational Suitability Data" Section introduced.	
Issue 11	9 Mar 2018	Review and correction of data, update to new format	
Issue 12	14 Mar 2019	All Sections: reference to CRI removed; EC 130 B4, T2: in IV.2 Structural Repair Manual added; EC 130 T2: in II.2 certification basis updated following MOD 074581; AS 350 B3: IV.1 RFM reference to Note V.2 2 corrected	
Issue 13	24 Jan 2020	AS 350 B2, B3, EC 130 T2: SC and ESF references amended; AS 350 B3: 07.20034 (Crash Resistant Fuel System)	

TE.CERT.00049-001 © European Union Aviation Safety Agency, 2025. All rights reserved. ISO 9001 certified. Page 56 of 57 Proprietary document. Copies are not controlled. Confirm revision status through the EASA-Internet/Intranet.

Issue: 19 Date: 11 December 2025

Issue	Date	Changes	TC issue
		added; All Models: OSD, I.3 and II.2 updated	
Issue 14	2 Jun 2020	AS 350 B3: in III., 5.3.1 for Arriel 2D the MCP PWR corrected; change bars Issue 13 maintained for clarity.	
Issue 15	22 Feb 2021	Reference to 'Explanatory Note to TCDS EASA.R.008' added in II. and V.	
Issue 16	8 Apr 2022	AS 350 B3: in II.3.1, SC F-24 and F-25 added; All Models: II.1 reference date amended; II. adapted to TCDS format policy; SECTION 10: OSD I. moved to SECTION 1-9, II.	
Issue 17	19 Oct 2022	EC 130 T2: In II.2.2, wording update for MOD 074581; in II.3, SC F-24 and F-25 added;	
Issue 18	19 April 2024	AS350 B, B1, B2, BA, BB, B3 // EC130 B4, T2: in II.2 certification basis updated following EFS sea state addition in RFM // CS26 compliance	
Issue 19	11 Dec 2025	Addition of Section 11 related to CS26 compliance information	

- end of file -