

State Aviation Administration of Ukraine

SAAU

TYPE CERTIFICATE DATA SHEET № TB 0022

Agusta AB139/AW139

Model: AB139 (from S/N 31001 up to S/N 31054)
name changed in
AW139 (from S/N 31055 onwards)

Issue 2, 20 December 2012

This Data Sheet which is integral part of Type Certificate № TB 0022 prescribes the conditions and limitations under which the product(s) for which the Type Certificate was granted meet(s) the airworthiness requirements and environmental protection requirements, stated in Certification basis mentioned in this Data Sheet paragraph 2.II.4 of the Section 2.

List of effective Pages:

Page No.	1	2	3	4	5	6	7	8	9
Issue No.	2	1	2	1	1	1	1	2	1



TABLE OF CONTENT

	SECTION 1. GENERAL	3
	SECTION 2. MODEL AB139/AW139.....	3
2.I.	General	3
2.II	Certification Basis	3
2.III	Technical Characteristics and Operational Limitations	4
2.III.1.	Aircraft description	4
2.III.2.	Type Design Definition	4
2.III.3	Required equipment	4
2.III.4	Dimensions	5
2.III.5.	Engines	5
2.III.6.	Transmission Torque Limits	5
2.III.7.	Rotor Speed Limits	6
2.III.8.	Fluids (Fuel/Oil/Additives/Hydraulics)	6
2.III.9.	Air Speeds Limits	7
2.III.10.	Operating pressure altitude	7
2.III.11.	Ambient air temperature at the see level	7
2.III.12.	Weights, Center of Gravity and Loading	7
2.III.13.	Minimum Flight Crew	7
2.III.14.	Maximum Occupants	7
2.III.15.	Emergency Exits	7
2.III.16.	Placards and marking	8
2.III.17.	Other Limitations	8
2.IV.	Operating and Service Instructions	8
2.V.	Notes	8



SECTION 1. GENERAL

AW139 and AB139 are two names for the same product. They identify two batches of aircraft manufactured in conformity with a unique Type Certificate Data Sheet. Refer to Note 2.V.1. for applicable Serial Numbers.

Where not specifically declared, the content of this document is applicable to both AW139 and AB139.

- | | | |
|------|-------------------------------|---|
| 1.1. | Data Sheet (TCDS) №: | TB 0022 |
| 1.2. | Type Certificate Holder: | AgustaWestland S.p.A., Via Giovanni Agusta,
520-21017 Cascina Costa di Samarate (Va) –
Italy. |
| 1.3. | Initial Certifying Authority: | ENAC/EASA. |
| 1.4. | Airworthiness Category: | Large helicopter (Category A and Category B) |
| 1.5. | Manufacturer: | - AgustaWestland S.p.A., Via Giovanni Agusta,
520-21017 Cascina Costa di Samarate (Va) –
Italy.

Production Organisation Approval (POA)
№ IT.21G.0007 issued by ENAC.

- AgustaWestland Philadelphia Corporation
(AWPC), 3050 Red Lion Road - Philadelphia,
PA 19114 – USA.

Production Certificate PC 120NE (effective
12 December 2008) issued by FAA.

(See Note 2.V.1.) |

SECTION 2. MODEL AB139/AW139**2.I. General:**

- | | | |
|--------|--|--|
| 2.I.1. | Aircraft designation: | Agusta AB139/AW139 |
| 2.I.2. | Application Date for State Aviation
Administration (SAAU) validation: | 06.08.2010 |
| 2.I.3. | SAAU Validation Date: | 30.01.2012 |
| 2.I.4. | Eligible serial number: | AB139 (from S/N 31001 up to S/N 31054) name
changed in AW139 (from S/N 31055 onwards) |

2.II. Certification Basis:

- | | | |
|---------|---|---|
| 2.II.1. | Reference Application Date for
ENAC Certification: | 12.03.1999 |
| 2.II.2. | ENAC Certification Date: | 18.06.2003, ENAC SO/A415 |
| 2.II.3. | ENAC Certification Basis: | JAR 29 Amdt 3 dated 01.04.2002 (ref. CRI A-01) |
| 2.II.4. | SAAU Certification Basis: | Additional Technical Conditions based on: |
| | - Airworthiness requirements: | “Airworthiness requirements for transport category
rotocraft. Part 29.” (AR-29); |



