

State Aviation Administration of Ukraine

SAAU

TYPE CERTIFICATE DATA SHEET № TB 0024

EC155B, EC155B1

Issue 1, 19 February 2013

This Data Sheet which is integral part of Type Certificate № TB 0024 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.

List of effective Pages:

Page No.	1	2	3	4	5	6	7	8	9	10	11	12	13
Issue No.	1	1	1	1	1	1	1	1	1	1	1	1	1



TABLE OF CONTENT

Section I. General Information (all models).....	4
I.1. Airworthiness Category.....	4
I.2. Type Certificate Holder.....	4
I.3. Manufacturer.....	4
I.4. Rotorcraft Description.....	4
Section II. Model EC155B.....	4
II.1. General Information.....	4
II.1.1. Application Date for SAAU Validation.....	4
II.1.2. SAAU Validation Date.....	4
II.1.3. Serial number eligible.....	4
II.2. Certification Basis.....	4
II.2.1. SAAU Certification Basis.....	4
II.2.2. Equivalent Safety Findings.....	5
II.2.3. Exemptions.....	5
II.3. Technical Characteristics and Operational Limitations.....	5
II.3.1. Type Design Definition.....	5
II.3.2. Required equipment.....	5
II.3.3. Dimensions.....	5
II.3.4. Engines.....	5
II.3.5. Transmission Torque Limits.....	6
II.3.6. Rotor Speed Limits.....	6
II.3.7. Fluids (Fuel/Oil/Additives/Hydraulics).....	6
II.3.8. Air Speeds Limits.....	7
II.3.9. Operating pressure altitude.....	7
II.3.10. Ambient air temperature at see level.....	7
II.3.11. Weights, Center of Gravity and Loading.....	7
II.3.12. Minimum Flight Crew.....	7
II.3.13. Maximum Occupants.....	7
II.3.14. Emergency Exits.....	7
II.3.15. Placards and marking.....	7
II.3.16. Other Limitations.....	7
II.4. Operating and Service Instructions.....	8
II.5. Notes.....	8
Section III. Model EC155B1.....	9
III.1. General Information.....	9
III.1.1. Application Date for SAAU Validation.....	9
III.1.2. SAAU Validation Date.....	9



III.1.3.	Serial number eligible.....	9
III.2.	Certification Basis.....	9
III.2.1.	SAAU Certification Basis.....	9
III.2.2.	Equivalent Safety Findings.....	9
III.2.3.	Exemptions.....	9
III.3.	Technical Characteristics and Operational Limitations.....	9
III.3.1.	Type Design Definition.....	9
III.3.2.	Required equipment.....	9
III.3.3.	Dimensions.....	10
III.3.4.	Engines.....	10
III.3.5.	Transmission Torque Limits.....	10
III.3.6.	Rotor Speed Limits.....	10
III.3.7.	Fluids (Fuel/Oil/Additives/Hydraulics).....	11
III.3.8.	Air Speed Limits.....	11
III.3.9.	Operating pressure altitude.....	11
III.3.10.	Ambient air temperature at see level.....	11
III.3.11.	Weights, Center of Gravity and Loading.....	11
III.3.12.	Minimum Flight Crew.....	11
III.3.13.	Maximum Occupants.....	11
III.3.14.	Emergency Exits.....	11
III.3.15.	Placards and marking.....	12
III.3.16.	Other Limitations.....	12
III.4.	Operating and Service Instructions.....	12
III.5.	Notes.....	12
Section IV.	All models EC155B and EC155B1.....	13
IV.1.	Notes.....	13



