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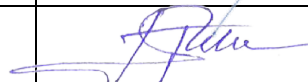
Service Bulletin

No. SB-IS-28M2-AR-01

Modification of the technical resources of the IS-28M2 motor gliders – all variants and uniformity of the maintenance program.

Cancels and replaces the SB IS-28M2 / ER-15 and SB IS-28M2/80HP / ER-05

Log of revisions		
Revision	Revision date	Change description
01	07.10.2017	Document release
02	23.01.2018	Change corrosion control periodicity and completion paragraph 1.9 Reporting.

	Name / Function	Date	Signature
Drafted	Liviu Țurlete / Head of DOA	23.01.2018	
Approved	Florian Petcu / Airworthiness Manager	23.01.2018	

F2.3-03 (01.2017)	It is the operators responsibility to comply with the relevant aviation regulations of the country in which the product is registered and operated.
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1. Planning Information

1.1 Effectivity

Service Bulletin BS-IS-28M2-AR-01 applies to all IS-28M2 motor gliders.

1.2 Reason

1.2.1. Cancelling life time limitation for all motor gliders type IS-28M2 replaced by periodical inspection (structure health check – corrosion check).

In the case of performing all maintenance work in compliance with the Flight and Maintenance Manual or the Maintenance Manual, the problem that may arise due to the operation of the motor glider for more than 20 years is corrosion.

Performing a structure health check in accordance with the provisions of Appendix 1 to the Flight Manual and Maintenance / Maintenance Manual ensures the motor glider's airworthiness after 20 years from the manufacturing date.

The technical resource of the IS-28M2 motor glider is 4.000 flight hours / 25.000 landings.

NOTE: This resource is strictly valid only when the structure health check is carried out in accordance with the provisions of Appendix 1 to the Flight Manual and Maintenance / Maintenance Manual.

Uniformisation of the maintenance program for all types of IS-28M2 motor gliders.

1.2.2. The periodicity of maintenance work for all type of IS-28M2 motor gliders is the following:

— At 50 flight hours;

— At 100 flight hours / yearly;

— At 500 flight hours;

— Structure health check (corrosion check) every 3 years between 21 and 35 years from the manufacturing date and after 35 years every 2 years;

— Overhaul at 1000 flight hours / 6000 landings.

1.3 Compliance

Operators request.

The modification is made in accordance with AR.IS-28M2.001 project.

1.4 Approval

The technical content of this document is approved under the Authority of EASA ref. approval number xxx and have been produced in accordance with alternative procedure to DOA no. EASA.AP439.

1.5 Special Tools

Not applicable.

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1.6 Weight and Balance

Not affected.

1.7 Electrical Load Data

Not affected.

1.8 Other Publications affected

— Flight and Maintenance Manual IS-28M2, Edition 2 Revision 32:

1. Page 0.5.3.B;
2. Page 0.7.O;
3. Page 0.7.1.A;
4. Page 4.11.2.E;
5. Page 4.11.2.1.A;
6. Page 5.56.B;
7. Page 5.57.A;
8. Page 5.58.;
9. Page 5.59.B.

— Flight and Maintenance Manual, Edition 3 Revision 15:

1. Page P.V.1.K;
2. Page AM-III.A;
3. Page 4.17.A;
4. Page 4.18.D;
5. Page 4.42.C;
6. Page 4.43.C;
7. Page 4.44.C;
8. Page 4.45.C.

— Flight and Maintenance Manual IS-28M2/80HP, Edition 1 Revision 13:


1. Page AM-II.A;
2. Page P.V.1.K;
3. Page 4.18.B;
4. Page 4.19.C;
5. Page 4.43.C;
6. Page 4.44.C;
7. Page 4.45.C;
8. Page 4.46.C.

— Maintenance Manual IS-28M2/G, Edition January 1995, Amendment 3:

1. Page (i);
2. Page (ii);
3. Page (iii);
4. Page 1.18;

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5. Page 1.18.1;
6. Pages 5.4 – 5.6;
7. Pages 5.9 – 5.15;
8. Pages 11.2 – 11.6.

9. Add Annex 1 (pages A.1.1 - A.1.13) to the Maintenance Manual. The S / N 67 Maintenance Manual and the maintenance Manual for IS-28M2 / G S / N 68 and the following have been unified (affected pages: 1.18, 1.18.1, 5.4, 5.5, 5.6, 5.11, 11.2 – 11.6).

—Maintenance Manual IS-28M2/GR, Edition August 1997, Amendment 7:

1. Page(i);
2. Page (ii);
3. Page (iii);
4. Page A.1;
5. Page A.2.1;
6. Pages 5.17 – 5.24;
7. Added Appendix 1 (pages A.1.1 - A.1.13) to the Maintenance Manual.

1.9 Reporting

Reporting of the change is done at the CAMO Service of the Romanian Aeroclub (camo@aeroclubulromaniei.ro).

2. Material Information

2.1 List of parts to be reworked

N/A.

2.2 New Production Parts

N/A.

2.3 Expendable Parts

N/A.

3. Accomplishment Instructions

CAUTION: Obey the safety Precaution and the General Maintenance Practices.

3.0. REMARKS

a) All works must be carried out by an Authorised Maintenance Organisation or a certified aircraft maintenance personnel.

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b) All works, particular those that are not especially described in this Service Bulletin, must be carried out in accordance with the referenced Maintenance Manual.

c) Accomplishment of the works must be confirmed in the logbook in the form:

At the motor glider S / Nregistered....., they were executed all the works mentioned in Service Bulletin SB-IS-28M2-AR-01 and the lifetime limitation has been canceled. The new maintenance program has been adopted.

d) Change maintenance programme.

e) In case of doubt contact Aeroclubul României (camo@aeroclubulromaniei.ro).

3.1. Preparation

Not applicable.

3.2. Modification

Not applicable.

3.3. Inspections

Not applicable.

3.4. Completion work

In the aircraft logbook it will be mentioned application of Service Bulletin no. BS-IS-28M2-AR-01.

3.5. Required Action(s) and Compliance Time(s):

Required as indicated, unless accomplished previously:

Replacing the pages in the Maintenance Manual / Flight and Maintenance Manual modified by this Service Bulletin.

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