

MANDATORY BULLETIN

MB No: L 23/036a

Concerning: Maintenance Manual L23 SUPER-BLANIK (Do-L23-1031.3)

Reason: New item Oxygen Equipment - cylinder SCOTT 5500-B1A-BE20B and mask DUO-SEAL type 28318-13 is added into Chapter 5.
- Time Limits/Maintenance Checks (if this equipment is installed).
Maintenance Manual holders replace old pages by enclosed new pages dated **Jan 28/99**.

List of the new pages:

List of effective pages - page 1

Record of revisions - page 4

5-10-00 - page 3, 7, 8

5-20-00 - page 2, 3, 9

It is not valid for Sailplane Serial No. 988313 ÷ 988315, 988413

To be carried out at the latest by: On receiving this bulletin

To be carried out by: Holder of the Maintenance Manual

Costs to be covered by: No cost will arise

Necessary material to be supplied by: New pages are enclosed

Bulletin becomes effective: Since the date of receiving

Manhours required: Ø

Total number of pages: 1 + 8 pages



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Manufacturer

Engineering data contained in this Bulletin is CAA Approved.

Date: May 25/99

MAINTENANCE MANUAL

CHAPTER 5

TIME LIMITS/MAINTENANCE CHECKS

LIST OF EFFECTIVE PAGES

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Title page	-	-	5-20-00	8	Sep 10/97
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Record of revisions				11	Okt 30/95
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CHAPTER 5

TIME LIMITS/MAINTENANCE CHECKS

RECORD OF REVISIONS

Revision No.	Chapter Section Subject	Numbers of			Document Number	Operator's Logging Reference and Date	Signature	Date of Revision
		Revised Pages	New Pages	Deleted Pages				
7	List of eff. pages	1	-	-				Oct 30/95
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	5-10-00	2	-	-				
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TIME LIMITS/MAINTENANCE CHECKS

RECORD OF REVISIONS

Revision No.	Chapter Section No. Subject	Numbers of			Document Number	Operator's Logging Reference and Date	Signature	Date of Revision
		Revised Pages	New Pages	Deleted Pages				
9	5-10-00	5	-	-				Sep 10/97
	5-20-00	8	-	-				
10	List of eff. pages	1	-	-				Jan 28/99
	Record of revisions	4	-	-				
	5-10-00	3	-	-				
		7	-	-				
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TIME LIMITS

Sailplane life L_B versus operation time with wing tip extensions (if they are mounted on the sailplane from ser. No. 938101) is shown on Fig. 1.

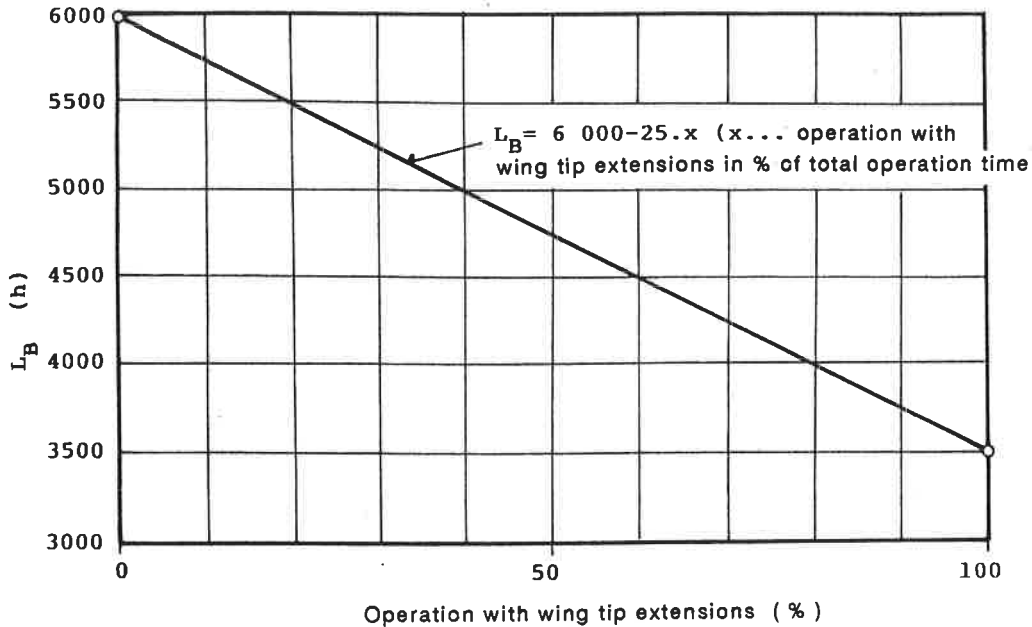


FIG. 1 LIFE VERSUS OPERATION TIME WITH WING TIP EXTENSIONS

6. List of TBO and Service Lives of Vendor Products

This summary may be used by the user to check the prescribed TBOS as well as service lives of the vendor products. Unless a product has a certificate, or unless the TBO, or Service life are specified in the certificate, the information quoted in the following table shall be effective.

Effectivity: ALL

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TIME LIMITS

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TIME LIMITS

1	2	3	4	5
F	<u>TOWING GEAR</u>			
(1)	Bottom tow release (effective for gliders at which is installed)	EUROPA G 88	2000 take-offs (4 years)	will be determined by manufacturer
(2)	Front tow release (effective for gliders at which is installed)	EUROPA E 85	2000 take-offs (4 years)	will be determined by manufacturer
(3)	Tow release cables	2 CSN 024311.25	-	2000 \pm 100 hours or 10000 \pm 500 take-offs/15 years
G	<u>FLIGHT CONTROLS</u>			
(1)	Rudder control cables	A 740 254 N A 740 255 N	-	2000 \pm 100 hours or 10000 \pm 500 take-offs/15 years
H	<u>OXYGEN EQUIPMENT</u> (if installed)			
(1)	Cylinder	SCOTT 5500 - -B1A-BE20B	on condition	on condition
(2)	Mask	DUO-SEAL type 28318-13	on condition	on condition

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TIME LIMITS

NOTE: For the general overhaul, the EUROPA G 88 bottom tow release and EUROPA E 85 front tow release (if installed on glider) must be sent to the manufacturer TOST GmbH Flugzeuggerätebau, Thaikirchnerstr.62, 8000 München 2, West Germany.

This note relates to items F (1) and (2) which are mentioned in the table on the page No.7.

- +) See the CLUBVARIOMETER MANUAL (Chap.3 - Maintenance, Chap.4 - Adjustments at the SC-7, and Chap.5 - The SC-7 Variometer in flight) issued by ILEC Industrie und Luftfahrttelektronic GmbH Friedrich-Puchta - Str. 6 D-95444 Bayreuth.

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SCHEDULED MAINTENANCE CHECKS

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1. General

The following Section presents:

- routine maintenance procedures;
- periodic maintenance procedures.

2. Routine Maintenance

Subject No	Name of part/unit Scheduled Maintenance Check	Note
12	<u>SERVICING</u>	
12-10-00-A	Check the tire for pressure	
21	<u>AIR CONDITIONING</u>	
21-00-00-A	Inspect the ventilation system	
24	<u>ELECTRICAL POWER</u>	
24-00-00-A	Inspect the airborne battery compartment	
24-00-00-B	Check the airborne battery and charge it if required.	
25	<u>EQUIPMENT/FURNISHINGS</u>	
25-60-00-A	Check the first-aid kit for attachment.	

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SCHEDULED MAINTENANCE CHECKS

Subject No.	Name of part/unit Scheduled Maintenance Check	Note
27	<u>FLIGHT CONTROLS</u>	
27-00-00-A	Check flight controls for function	
31	<u>INSTRUMENTATION</u>	
31-10-00-A	Check the instrument panels for attachment and check the instruments	
32	<u>LANDING GEAR</u>	
32-00-00-A	Inspect the main landing gear and the tail-skid wheel. Check the brake and the shock absorber for function. Check the tire pressure.	
34	<u>NAVIGATION</u>	
34-10-05-A	Inspect the condensate sumps.	
35	<u>OXYGEN EQUIPMENT</u>	
35-00-01-A	Check the cylinders pressure on pressure gauge	Perform only if cylinders are installed
35-00-02-A	Clean and disinfect the moulds of the oxygen mask	Perform on crew's requirement
53	<u>FUSELAGE</u>	
53-00-00-A	Inspect the fuselage surface.	

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SCHEDULED MAINTENANCE CHECKS

Subject No.	Name of part/unit Scheduled Maintenance Check	Note
53-00-00-C	Check the function of tow release mechanism.	It is recommended to perform this check before each takeoff.
55	<u>STABILIZERS</u>	
55-00-00-A	Inspect the stabilizer surfaces. Check the rudder and the elevator for movability.	
56	<u>WINDOWS</u>	
56-00-00-A	Inspect glasses of canopy and the side window glass.	
57	<u>WINGS</u>	
57-00-00-A	Inspect the wing surface. Check the movable wing parts.	

The operation of the sailplane without overhauls requires that special attention is given to the sailplane technical condition and by deterioration (depending on its character) is removed immediately to avoid later more extensive remedies due to non-repaired smaller defects.

3. Periodic Maintenance

Subject No.	Name of part/unit Scheduled Maintenance Check	Maintenance				Note
		1	2	3	4	
8	<u>LEVELLING AND WEIGHING</u>					
8-10-00-A	Determine mass and center of gravity positions.				+	
8-20-00-A	Perform levelling.				+	
12	<u>SERVICING</u>					
12-10-00-A	Check the tyre pressure.	+	+	+	+	
23	<u>COMMUNICATION</u>					
23-60-00-A	Check up all bonding of the control system.	+	+	+	+	

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SCHEDULED MAINTENANCE CHECKS

Subject No.	Name of part/unit Scheduled Maintenance Check	Maintenance				Note
		1	2	3	4	
24	<u>ELECTRICAL POWER</u>					
24-00-00-C	Service the airborne battery	+	+	+	+	
24-00-00-D	Inspect cable bundles	+		+	+	
24-00-00-E	Inspect the electrical system	+			+	
25	<u>EQUIPMENT/FURNISHINGS</u>					
25-10-00-A	Inspect the cockpits	+	+	+	+	
25-60-00-B	Check for contents and condition of the first-aid kit	+	+	+	+	
27	<u>FLIGHT CONTROLS</u>					
27-00-00-B	Check flight control elements for movability	+	+	+	+	
27-00-00-C	Inspect control tie rods, pulleys and guides	+	+	+	+	
27-00-00-D	Check control surfaces deflections	+	+	+	+	

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SCHEDULED MAINTENANCE CHECKS

Subject No.	Name of part/unit Scheduled Maintenance Check	Maintenance				Note
		1	2	3	4	
34-20-02-A	Remove and install the LUN 1221.1-8				+	
34-20-02-B	Check the LUN 1221.1-8 liquid type compass				+	
34-20-02-C	Compensate the LUN 1221.1-8 liquid type compass	+	+	+	+	
35	<u>OXYGEN EQUIPMENT</u>					
35-00-01-B	Check the oxygen apparatus for the absence of impurities and for their proper fastening.	+	+	+	+	
35-00-02-B	Inspect the oxygen masks and check its operation.	+	+	+	+	
52	<u>DOORS</u>					
52-00-00-A	Check for emergency canopy jettison	+	+	+	+	
53	<u>FUSELAGE</u>					
53-00-00-B	Inspect the fuselage	+	+	+	+	
53-00-00-C	Check the function of tow release mechanism.	+	+	+	+	
53-00-00-D	Inspect the skin of the fuselage bottom part between frames 1 and 6	+	+	+	+	

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SCHEDULED MAINTENANCE CHECKS

Subject No.	Name of part/unit Scheduled Maintenance Check	Maintenance				Note
		1	2	3	4	
53-00-00-E	Inspect the frame No. 14 in the area of the tail-skid wheel attachment	+	+	+	+	
53-00-00-F	Inspect skins in the area of cut-outs for various fittings	+		+	+	
53-00-00-G	Inspect launching hooks	+		+	+	
53-00-00-H	Inspect the sailplane paint and ornamentation			+	+	
53-00-00-I	Replace cables to the side towing hooks				+	On glider with side towing hooks
53-00-00-I	Replace cable to the bottom tow release				+	On gliders with bottom tow release
55	STABILIZERS					
55-00-00-B	Inspect stabilizers	+	+	+	+	
55-00-00-C	Measure the holes and pins in the stabilizers hinges			+	+	