

GLIDING FEDERATION OF AUSTRALIA

AIRWORTHINESS DIRECTIVE GLIDERS:

REF. NO. GFA/AD 189, SCHEMPH-HIRTH 10

GLIDER TYPE AFFECTED.

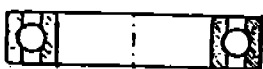
Schempp-Hirth Standard Cirrus - Serial Nos. 21, 23, 27, 30, 32 to 34, 36 to 52, 54 to 120.

BACKGROUND: There have been cases of the outer race of the lower ball bearing on the elevator drive being broken resulting in free play in the elevator control circuit.

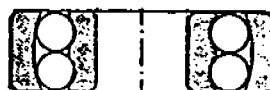
REQUIRED ACTIONS:

1. Check which type of lower ball bearing is installed on the elevator drive fitting (refer service manual page 20 part No 3a and illustration).

(a) ball bearing EL6



(b) ball bearing, Self aligning



(c) hinge bearing



If the bearing installed is of type (b) or (c) as above, do not replace.

2. If the lower bearing is an EL 6 (a) type it is to be replaced by a bearing ring with bronze bush in accordance with drawing Standard Cirrus No. HS4-30.013/1.

The bearing ring may be obtained from -

Schempp Hirth GmbH & Co. K.G.
Krebenstrasse 25
7312 KIRCHHEIM-TECK, WEST GERMANY.

or the Australian Agent -

Edmund Schneider Pty. Ltd.,
Two Wells Road,
GAWLER S.A. 5118

COMPLIANCE: The inspection and replacement, if necessary, is to be carried out during the next annual inspection or by 30th January 1981 whichever occurs sooner. Compliance is mandatory.

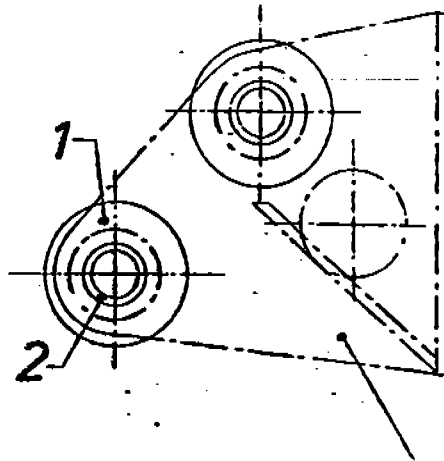
This Directive is issued pursuant to Air Navigation Regulations under authority delegated by the Secretary, Department of Transport.

Douglas Lyon

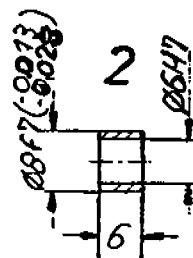
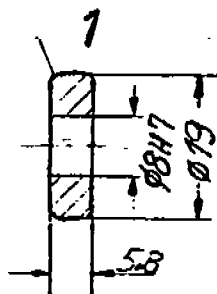
DOUGLAS LYON
CHIEF TECHNICAL OFFICER AIRWORTHINESS
GLIDING FEDERATION OF AUSTRALIA

Date of issue: 24th November, 1980

Technical Note No. 278-25 - Elevator drive



Install part 1 and part 2 to
elevator drive according to
drawing S.C.No. 38.043, dated 8.7.68



See Service Manual page 20, part 1a

Bei nicht tolerierten Maßen gilt
DIN 7168 Genauigkeitsgrad grob

2	1	Ms. Rohr	Ø 8 = 1 = 6	Ms. 63 hart	
4	1	Rundstahl	Ø 19 = 5.5 = 5.8	1.7734.4	od. St. 52
Teil	Stück	Benennung	Abmessung	Werkstoff (Norm)	Anmerkung
L-278		Maßstab 1:1			Schempp-Hirth GmbH & Co. KG Kirchhelm/Teck
1980	Tag	Name	Baumuster	Zeichn. Nr.	
gez.	08.09	Haus	STANDARD	Höhenruder -	
					151-20012/1