

FICHA DE SERVIÇO
SERVICE SHEET

Ficha N.º A00.04.12.237	REV.	DATA: 07/08/2015
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 ORDEM DE SERVIÇO:
WORK ORDER:

MAINTENANCE

Componente:	AIRCRAFT MECHANICAL CLOCKMODEL ABU-11/A	TSN:		Projeto:	F5
PN:	400240	TSO:		Manual:	T.O. 5N11-2-11-33 CHANGE 3 - 1 NOVEMBER 2009
S/No.:		Cliente:	FAB	Pane:	Maintenance Checks and Services.
		Fabricante:			



Figure 1 – Type ABU- 11/A Mechanical Aircraft Clock

To avoid extensive calibration and balancing procedures, disassemble the clock only to the extent necessary for cleaning, inspection, and replacement of defective parts.

Item	Task	Performed by	Date	Signature
1	Disassembly: Perform disassembly according item 3 of component maintenance manual			
2	Cleaning: <i>Cleaning Solution:</i> See item 4.1.1 component maintenance manual. <i>Equipment:</i> See item 4.1.2 component maintenance manual. <i>Procedures:</i> See item 4.1.3 component maintenance manual.			
3	Inspection: Perform inspection according item 5.1.1, table 5-1 and table 8-1 of component maintenance manual. Perform the check according tables above, if applicable:			
ITEM	INSPECTION	DISPOSITION		
Dial	Chipped paint or markings			
Pivots	Bent or worn			
Jewels or jewel pins	Loose, cracked or chipped			
Train gears or escapement	Dirt or lint			
Mainspring	Distorted or broken			
Springs	Tension or distortion			
Gear teeth	Damage			
Screw threads	Damage			
Lamps	Chipped, Coating			

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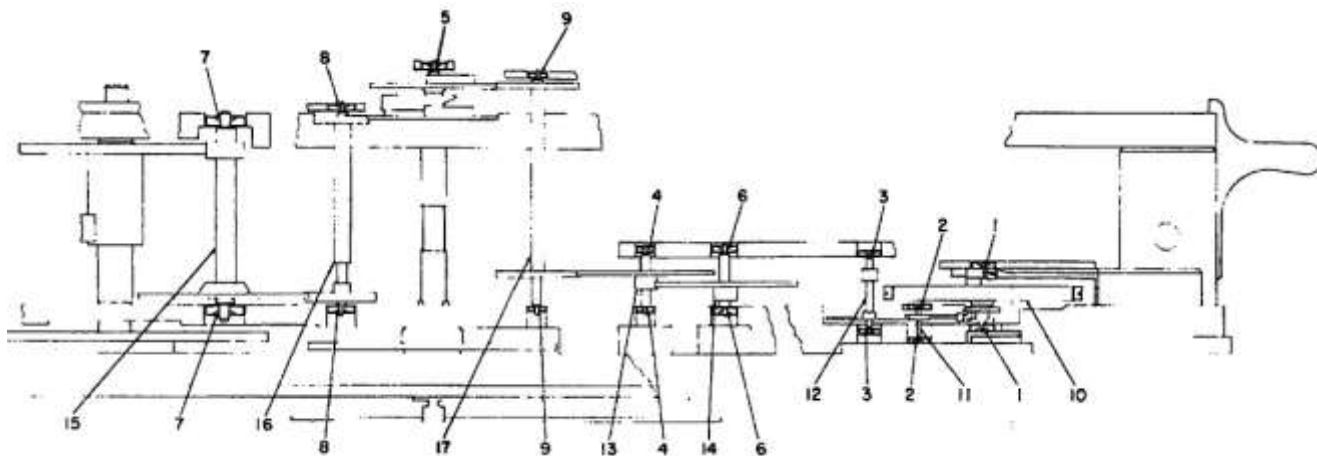
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Ref Fig	Task	Min (mm)	Max (mm)	Replace Max	Disposition
1	Balance staff clearance in jewel bearings	0.007	0.0145	0.0165	
2	Pallet arbor clearance in jewel bearings	0.006	0.0135	0.0145	
3	Escape pinion clearance in jewel bearings	0.011	0.019	0.022	
4	Fourth pinion clearance in jewel bearings	0.011	0.019	0.022	
5	Second center staff clearance in jewel bearing	0.0075	0.0150	0.019	
6	Third pinion clearance in jewel bearings	0.011	0.020	0.024	
7	Center pinion clearance in bushings	0.0125	0.0225	0.0285	
8	Minute intermediate arbor clearance in jewel bearings	0.0225	0.0300	0.034	
9	Second intermediate arbor clearance in jewel bearings	0.0125	0.0190	0.022	
10	Balance staff end shake between end-stone jewel bearings	0.04	0.08	0.10	
11	Pallet arbor end shake between jewel bearings	0.01	0.05	0.07	
12	Escape pinion end shake between jewel bearings	0.02	0.06	0.09	
13	Fourth pinion end shake between jewel bearings	0.04	0.08	0.12	
14	Third pinion end shake between jewel bearings	0.04	0.08	0.12	
15	Center pinion end shake between jewel bearings	0.09	0.13	0.17	
16	Minute intermediate arbor end shake between jewel bearings	0.08	0.12	0.16	
17	Second intermediate arbor end shake between jewel bearings	0.04	0.08	0.12	

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Item	Task	Performed by	Date	Signature
4	<u>Assembly:</u> Perform assembly according item 6 of component maintenance manual. See CMM Table 6-1 for lubrication during assembly.			
5	<u>Calibration and Testing:</u> Check the clock operation and calibrate it as follows: a) Fully wind movement assembly and allow it to run for one hour at room temperature (25°C). b) Place movement on watch rate recorder (Watchmaster G-II, or equivalent) and check for at least five minutes. c) The rate of tolerance shall not exceed ± 10 seconds. d) Adjust regulator assembly (15, Figure 9-2) as required to obtain the above rate tolerance. e) Record the final rate tolerance: _____ seconds See component maintenance manual item 6.1.4 and 7			

Remarks

Data	Técnico:	Data	Inspetor: