

**ALCO CONTROLS
KW21094 OVERHAUL MANUAL**

- C. Assemble the converter linkage assembly in the housing with wiper shaft eccentric to the side as shown in Figure 2.
- D. Stake screws securing idler cover plate (14) and nameplate (16). Stake nylon sleeve (10) to sleeve (12) after reassembly.
- E. Lock wire screws (5) to each other.
- F. Run performance test to see if the unit is operating satisfactorily. Stroke should be $42^{\circ} \pm 2^{\circ}$.

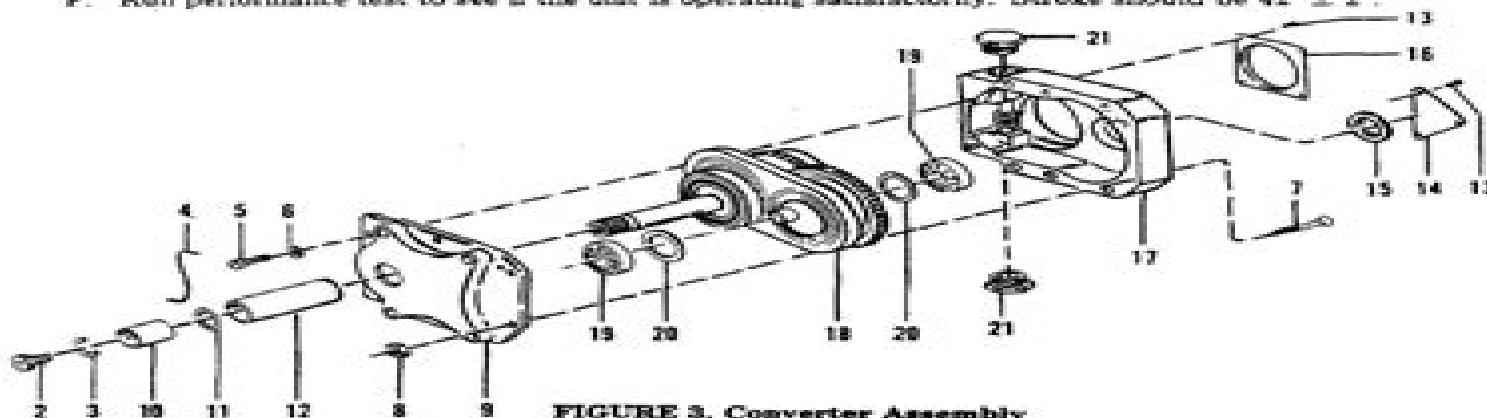


FIGURE 3. Converter Assembly

FIG.-ITEM	PART NUMBER	DESCRIPTION							EFFECT FROM TO	UNITS PER ASSY.
		1	2	3	4	5	6	7		
3-1	KW21094-3, -4	CONVERTER ASSEMBLY								
-2	MS20073-03-04	Bolt.....								1
-3	PS1220-4	Retaining Ring.....								1
-4	MS20995NC32	Lockwire.....								AR
-5	MS35265-43	Screw.....								2
-6	AN960PD8	Washer.....								2
-7	MS34694-S13	Screw.....								4
-8	MS31083-DO6	Nut.....								4
-9	*W20286	Cover Plate.....								1
-10	W20150	Sleeve, Nylon.....								1
-11	MS28775-012	O-Ring.....								1
-12	W20367-	Sleeve.....								1
-13	MS24693-C1	Screw.....								7
-14	W20169	Cover, Idler Plate.....								1
-15	W20166-8	Washer.....								1
-16	W20170-4	Nameplate.....								1
-17	**KW20369	Worm and Housing Assy.....								1
-18	KW20369-245-42	Linkage Assy.....								1
-19	PS1219-8	Bearing.....								2
-20	W20166-9	Washer.....								2
-21	W20168	Endcap.....								2
*Not Available as a separate item. Furnished as part of worm & Housing Assembly (Item 17)										
**Includes Cover Plate (Item 9)										

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Ata 100 Component Maintenance Manuals

**United States. Flight Standards
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Ata 100 Component Maintenance Manuals:

Care and Repair of Advanced Composites Keith B Armstrong, Graham Bevan, William Cole, 2005-06-22 This second edition has been extensively updated to keep pace with the growing use of composite materials in commercial aviation A worldwide reference for repair technicians and design engineers the book is an outgrowth of the course syllabus that was developed by the Training Task Group of SAE's Commercial Aircraft Composite Repair Committee CACRC and published as SAE AIR 4938 Composite and Bonded Structure Technician Specialist Training Document Topics new to this edition include Nondestructive Inspection NDI Methods Fasteners for Composite Materials A Method for the Surface Preparation of Metals Prior to Adhesive Bonding Repair Design Although this book has been written primarily for use in aircraft repair other applications including marine and automotive are also covered

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Handbook of Lubrication and Tribology George E. Totten, 2006-04-06 When it was first published some two decades ago the original Handbook of Lubrication and Tribology stood on technology's cutting edge as the first comprehensive reference to assist the emerging science of tribology lubrication Later followed by Volume II Theory and Design and Volume III Monitoring Materials Synthetic Lubricants and Applications it has continued to serve as the cornerstone of every tribology and lubrication science library providing engineers researchers and technicians with the information they need to do their work and pioneer the advancements that

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Aircraft Electrical and Electronic Systems David Wyatt, Mike Tooley, 2018-05-20 Introducing the principles of aircraft electrical and electronic systems this book is written for anyone pursuing a career in aircraft maintenance engineering or a related aerospace engineering discipline and in particular will be suitable for those studying for licensed aircraft maintenance engineer status It systematically addresses the relevant sections of modules 11 and 13 of part 66 of the EASA syllabus and is ideal for anyone studying as part of an EASA and FAR 147 approved course in aerospace engineering Delivers the essential principles and knowledge base required by Airframe and Propulsion A an introduction to the all electric aircraft utilising new battery technologies updated sensor technology using integrated solid state technology micro electrical mechanical sensors MEMS an expanded section on helicopter rotary wing health usage monitoring systems HUMS

Aircraft Maintenance Bruce R Aubin, 2004-04-30 Since the origin of flight the main goal of aircraft maintenance has been to efficiently correct defects and prevent failures From the original days of manned or unmanned flight the individuals and their processes to repair modify maintain and service the vehicles that were used to rise above the ground have largely been

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 and Structure Regulations and Environmental Effects on Maintenance Training Quality and Safety Planning and Scheduling
 Narrow and Wide body Aircraft and more *Aviation Maintenance Management* Frank H. King, 1986 This is a practical
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 Aviation Maintenance Management Problem Areas deals with matters ranging from parts ordering to administrative
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 Crane, 1993-06 **Airframe and Powerplant Mechanics** United States. Flight Standards Service, 1976

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