



AIRCRAFT OWNERS & PILOTS ASSOCIATION  
 BOX 19244/SOUTHWEST STATION  
 OKLAHOMA CITY, OKLAHOMA 73164

AVCOM (TM) SERVICE REPORT ON 7/19/88 FOR AIRCRAFT OWNERS AND PILOTS 76  
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REFERENCE: HARRISON

TD FILES CURRENT AS OF 7-19-88

MFG: TELEDYNE MODEL: IO-470-K DASH NO: K  
 ENGINE: 225 HP

SMOH LE: \_\_\_\_\_ SMOH RE: \_\_\_\_\_

TT LE: \_\_\_\_\_ TT RE: \_\_\_\_\_ TT AF: \_\_\_\_\_

AIRWORTHINESS DIRECTIVES SECTION

AD NUMBER	DESCRIPTION	EFF. DATE COMPL. TIME
AD67-01-04	* SUPERIOR FLOW - OIL FILTERS	01-02-67

DATE OF COMPLIANCE	HRS AT COMPL.	METHOD OF COMPLIANCE	ONE RECUR- TIME	NEXT RING COMP.	SIGNATURE AND NUMBER
I	I	I	I	I	I
I	I	I	I	I	I

AD70-14-07 R	FUEL INJECTION PUMP ADJUSTABLE BYPASS NEEDLE	11-22-74
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I	I	I	I	I	I
I	I	I	I	I	I

AD73-07-04	* BENDIX - TO PREVENT FAILURE OF MAGNETOS DUE TO MALFUNCTION OR FAILURE OF IGNITION COIL OR, CONTD.	10-11-73
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I	I	I	I	I	I
I	I	I	I	I	I

#AD74-18-05 RECURRING	* SLICK - TO PREVENT FAILURE OF THE MAGNETO IMPULSE COUPLING DUE TO LOOSE PAWLS	08-28-74
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#A 3-09-07 R3 RECURRING	* BENDIX - TO PRECLUDE MAGN OR ENGINE FAILURE RESULTING FROM MAGNETO IMPULSE COUPLINGS FAILURE	01-17-83 SB 599B							
I	I	I	I	I	I	I	I	I	I
I	I	I	I	I	I	I	I	I	I
AD79-05-09	OIL PRESSURE RELIEF VALVE ASSY	03-12-79							
I	I	I	I	I	I	I	I	I	I
I	I	I	I	I	I	I	I	I	I
AD80-06-05	* SLICK ELECTRO - MAGNETO FAILURE	03-28-80 SEE AD							
I	I	I	I	I	I	I	I	I	I
I	I	I	I	I	I	I	I	I	I
AD81-16-05	* SLICK ELECTRO - MAGNETO FAILURE DUE TO CRACKED COIL	08-06-81 SEE ISSUE							
I	I	I	I	I	I	I	I	I	I
I	I	I	I	I	I	I	I	I	I
#AD82-13-01 RECURRING	* BENDIX - MAGNETO AND ENGINE MALFUNCTION	06-28-82							
I	I	I	I	I	I	I	I	I	I
I	I	I	I	I	I	I	I	I	I
AD82-20-01	* BENDIX - TO PREVENT FAILURE OF IMPULSE COUPLING DUE TO IMPROPERLY HEAT TREATED (SOFT) FLYWEIGHTS, CONTD.	06-14-83 SB 623							
I	I	I	I	I	I	I	I	I	I
I	I	I	I	I	I	I	I	I	I
#AD82-27-03 RECURRING	* ROTO-MASTER/RAJAY - FIRE IN POWERPLANT NACELLE AND/OR HEAT DAMAGE TO POWERPLANT INSTALLATION.	12-30-82							
I	I	I	I	I	I	I	I	I	I
I	I	I	I	I	I	I	I	I	I
AD88-03-06	TO PREVENT POSSIBLE LOSS OF ENGINE OIL AND SUBSEQUENT ENGINE FAILURE	04-15-88							
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I	I	I	I	I	I	I	I	I	I

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NUMBER

DESCRIPTION

ISSUE DATE    KIT NUMBER  
COMPL. TIME    APPL. AD

CI83-3	TCM ANNOUNCES MAJOR & TOP OVERHAUL GASKET SETS	11-14-83
CI84-3	TCM ANNOUNCES AVAILABILITY OF D-200A KIT ENGINE FOR PUSHER OR PULLER APPLICATION	07-19-84
CI87-1	CRANKSHAFTS	02-27-87
CI87-10	X30091A, FUEL INJECTION MANUAL, OBSOLETE	05-04-87
CI87-13	X30022A, D-470, IO-470 OVERHAUL MANUAL UPDATE AND INVENTORY	11-09-87
CI87-3	PISTON RINGS FOR STEEL CYLINDERS	02-20-87 639565A9
CI87-4	LATEST PISTON APPLICATION	02-20-87
CI87-5	ENGINEERING TECHNOLOGY TO MINIMIZE YOUR DOWN TIME	02-20-87
CI87-6	VALVES AND VALVE GUIDES	02-20-87 SEE ISSUE
CI87-8	UPGRADE 470 ENGINES WITH 4-RING PISTONS	02-20-87 648028

INFORMATION LETTERS SECTION

IL3/17/87	TCM IGNITION SYSTEMS NEW FORM NUMBERING SYSTEM	03-17-87
IL8/10/87	X41401, TELEDYNE CONTINENTAL MOTORS AIRCRAFT PRODUCTS DIVISION GENERAL AVIATION IGNITION SYSTEMS WARRANTY	08-10-87
IL8/31/87	X41003, L-609-3; S-1200 SERIES MAGNETO INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS, OBSOLETE	08-31-87
IL9/01/87	X41004, JP60 MASTER SERVICE MANUAL INDEX/ORDER FORM DATED FEBRUARY 1987, OBSOLETE	09-01-87

SBM64-18	FIELD CONVERSION TO TURBOCHARGING OF CONTINENTAL AIRCRAFT ENGINES	10-07-68	
SBM69-7	CYLINDER HEAD TO BARREL SEEPAGE - ALL MODELS	06-11-69	
SBM70-11	*SLICK ELECTRO BULLETIN 1-70	06-22-70	
SBM70-7	INCREASING SIZE OF OIL FEED HOLES TO STARTER ADAPTER SHAFTGEAR	03-17-70	
SBM71-14	*SLICK SERVICE BULLETIN 1-71	06-21-71	
SBM72-17 R1	NEW MAXIMUM WEIGHT DIFFERENCE ALLOWANCE BETWEEN CONNECTING RODS AND PISTONS IN THE SAME ENGINE	10-05-73	
SBM73-15	CERTIFICATE OF AIRWORTHINESS FOR EXPORT	07-17-73	
SBM73-22	FUEL PUMP RELIEF VALVE CLEANING PROCEDURES	10-19-73	SEE SB
SBM73-24 R1	CHROME CYLINDERS - REBUILT ENGINES	03-25-77	
SBM73-26	*COMPLIANCE WITH BENDIX SERVICE BULLETIN NO. 560A	12-04-73	SEE SB NEXT OVH 73-07-04
SBM73-6 R1	*PRESTOLITE ALTERNATOR COOLING FAN MAINTENANCE AND INSPECTION	06-11-73	SEE SB 72-15-02
SBM73-7	ENGINES RETURNED FOR CREDIT AND PRESERVATION OF CYLINDER BORES	02-23-73	
SBM74-17	REPLACEMENT OF DELCO-REMY STARTER MOTORS WITH PRESTOLITE	08-26-74	402127P003
SBM74-18	*COMPLIANCE WITH SLICK BULLETIN 1-74	09-16-74	SEE SB 74-08-05
SBM74-22	ENGINE ACCESSORIES BEING RETURNED FOR CREDIT	11-19-74	
SBM75-21	NOZZLE SCREENS P/N 629846	09-28-75	

SBM75-6 R1	CONVERSION OF ENGINES FROM ONE MODEL TO ANOTHER	06-04-75
SBM76-19 R1	EXHAUST GAS TEMPERATURE (E.G.T) RECOMMENDATIONS	12-09-77
SBM76-4	INSTALLATION INSTRUCTIONS FOR PROPELLER SHAFT OR CRANKCASE OIL SEALS	03-12-76
SBM76-5 R1	REMOTE MOUNTED OIL COOLERS	05-25-76
SBM78-11	FUEL INJECTION SYSTEM INSPECTION	09-20-78 SEE ISSUE
SBM78-3	GOVERNOR OIL TRANSFER COLLAR SLEEVES, RETAINING CLIPS AND CLEARANCES	01-11-78
SBM78-4	SILK THREAD	01-25-78 P/N 641543
SBM78-9	CRANKCASE, CRANKSHAFT AND BEARING APPLICATIONS	08-23-78 SEE ISSUE SEE ISSUE
SBM79-7	IDENTIFICATION OF CURRENT PRODUCTION CRANKCASES	04-30-79
SBM80-26 R1	FUEL PUMPS WITH LOOSE THROUGH BOLTS	04-27-81 SEE ISSUE SEE ISSUE 81-24-06
SBM80-29	* BENDIX SERVICE BULLETIN NO. 612	12-05-80 SEE ISSUE SEE ISSUE
SBM80-3	* BENDIX SB NO. 568A	01-28-80 SEE ISSUE
SBM80-4	* BENDIX SB NO. 597A	01-28-80 SEE ISSUE
SBM80-7	* COMPLIANCE WITH SLICK BULLETIN 1-80	02-25-80 SEE ISSUE MANDATORY
SBM81-13 R1	* SLICK SERVICE BULLETIN 1-81 REVISED	07-18-81 SEE ISSUE SEE ISSUE
SBM81-25	EXHAUST FLANGE TO CYLINDER INSTALLATION PROCEDURES	11-30-81 SEE ISSUE
SBM82-04	OIL ANALYSIS	03-29-82 SEE ISSUE
S 82-10	* BENDIX BULLETIN NO. 623	09-22-82 SEE ISSUE

#SBM82-12	MAGNETO TIMING (SUPERSEDED M80 -27 AND M75-20)	10-18-82 SEE ISSUE
SBM83-10 R1	CRANKCASE INSPECTION CRITERIA	09-06-83
SBM83-4	CRANKSHAFT, ROD AND COUNTERWEIGHT INFORMATION	03-07-83 INFORMATION
SBM83-5	*SLICK SERVICE BULLETIN 3-82	03-07-83 SEE ISSUE
SBM83-6	*SLICK SERVICE BULLETIN 2-82	03-07-83
SBM84-10 R1	ENGINE PRESERVATION FOR ACTIVE AND STORED AIRCRAFT	11-07-84
SBM84-15	CYLINDER LEAKAGE CHECK (COMPRESSION)	12-21-84
SBM84-16	EXAMINATION OF ENGINES INVOLVED IN PROP STRIKE INCIDENTS	11-22-84
SBM84-6 R1	PROCEDURES AND VALUES FOR ADJUSTMENT OF FUEL SYSTEMS ON ALL TELEDYNE CONTINENTAL MOTORS FUEL INJECTED ENGINES	11-28-84 SEE ISSUE
SBM84-8	MAGNETO TIMING INDICATOR PLATE	06-19-84
SBM84-9	* FACET AEROSPACE SERVICE BULLETIN #A1-84A	07-25-84 SEE ISSUE
SBM85-16	* SLICK SERVICE LETTER NO. SL5-85	09-27-85 SEE ISSUE
SBM85-17	PISTON COMPRESSION RING TABLE OF LIMITS	10-01-85 SEE ISSUE
SBM85-18	VALVE GUIDE REAMING AND CORRECT CYLINDER VALVE AND GUIDE COMBINATIONS	11-01-85 SEE ISSUE SEE ISSUE
SBM85-19	FUEL INJECTION SYSTEM APPLICATION GUIDE	11-05-85
SBM85-4	* BENDIX SERVICE BULLETIN NO. 625	02-11-85 RECOMMENDED
SBM85-7	CURRENTLY ACTIVE FACTORY APPROVED SPARK PLUGS	05-23-85
SBM85-6	PISTON IDENTIFICATION AND	07-09-85

PISTON  
BULLETIN

SBM85-9 R1	PISTON TO CYLINDER DOME CLEARANCE	08-06-85 SEE ISSUE
#SBM86-10 R1	BENDIX SERVICE BULLETIN NO. 629	09-10-86 SEE ISSUE
SBM86-18	TORQUE LIMITS	10-24-86
SBM86-4	FUEL PUMPS	01-09-86 SEE ISSUE
SBM86-6 R1	RECOMMENDED OVERHAUL PERIODS FOR ALL TELEDYNE CONTINENTAL MOTORS AIRCRAFT ENGINES	04-18-86 SEE ISSUE RECOMMENDED
SBM87-11 R2	MAJOR OVERHAUL 100% REPLACEMENT PARTS	08-05-87 SEE ISSUE AT MAJOR OVH
SBM87-12 R1	RECOMMENDED FUEL AND OIL GRADES	11-20-87
SBM87-15	ALTERNATOR GROUND STRAP	07-13-87
SBM87-16	* SLICK - IMPULSE COUPLING INSPECTION	08-14-87 AS REQUIRED
SBM87-18 R1	AIRCRAFT ENGINE NAMEPLATES	12-15-87
SBM87-23	CRANKSHAFT COUNTERWEIGHT IDENTIFICATION AT OVERHAUL	11-24-87 SEE ISSUE
SBM87-7	OIL FILTER ADAPTER INSPECTION	02-20-87 646941
SBM87-9	OVERSPEED LIMITATIONS	04-20-87
SBM88-1	ACTIVE SERVICE BULLETIN INDEX	01-27-88
SBM88-2	CURRENT PUBLICATIONS	01-27-88
SBM88-3	OPTIONAL PUBLICATIONS (LOW DEMAND)	01-27-88
SBM88-4	TCM PRO-TECH OIL FILTER	01-15-88 SEE ISSUE
SBM88-7	ENGINE OPERATION AFTER CYLINDER REPLACEMENT AND/OR MAJOR OVERHAUL	04-12-88

SALES BULLETIN SECTION

9-88 1

SPECIAL SALES BULLETIN - NE 04-04-88  
ENERGIZER STARTERS

\*\*\* # denotes recurring inspections may be required.  
\*\*\* Miscellaneous ADs are not included in this report unless specifically  
\*\*\* referenced to this airframe/engine.

TOTAL DOCUMENTS LISTED 97

REPORT COMPLETED ON 7/19/88 AT 6:14