

TITLE	INSTN - AVTEK H.F. RADIO		DATE	14491	ISSUE	A
PART NO.	PART NAME		EFFECTIVE	Imme diately		
REASON FOR ISSUE	DISTRIBUTION OF STOCK		LAND. NO.	121		
SALVAGE	CHECK BLOCKS APPLIED	AS NOTED	W/O NO.	617-0570		
CONVERSION	PAIRS COMPLETED	ENAP	CUSTOMER ORDER NO.	CUSTOMER ONTARIO		
STD ORDER/RELEASE	PARTS IN PROCESS	NEWWORK	CUSTOMER TYPE OR MODEL	CENTRAL AIRLINES		
NEW DRAWING	TOOLING	STRENGTH AFFECED	AIRCRAFT REGISTRATION NO.	BEECH D-188		
REVISED DRAWING	RAW MAT'L	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	DATE	MAY 65		
VARATION	INTERCHANGEABILITY AFFECED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUS. CHARGE	YES <input type="checkbox"/> NO <input type="checkbox"/>		
COMPLETE NOTICE	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	NO <input type="checkbox"/>	INSPECTION	R.C.A.F.		
USE AS NOTED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	NO <input type="checkbox"/>	TEST FLIGHT	O.M.D. CONTROL		
APPROVALS	APPROVED BY <i>Jim Reid</i>		SALES/CONT.	ESTIM		
GIVE FULL PARTICULARS AND SUGGEST WHERE POSSIBLE		CONTRACTS ADMIN.	CUSTOMER	CUSTOMER		

1. Remove the following radio equipment from the aircraft and put in 181 stores. This equipment is to be returned to the customer.

Qty	Part No.	Component
1	BC-733D	Localizer Revr. & Mount.
1	R5009/ARC-502	V.H.F. Revr & Mount.
1	T5007/ "	V.H.F. Power Ten. Box
1	T5015/ "	V.H.F. Transmitter & Mount
1	644-180717	Audio Isolation Amp. & Mount
1	AS-27A/HARN-5	Overhead Radio Control Panel Assy
1	AN-104B	V.O.R./G.S. Antenna
1		V.H.F. Antenna
1		Marker Beacon Antenna Assy
1		Main Radio Ten Box
1		Radio Compass Relay Ten. Box
1		Fwd. Fuselage Ten. Box
1		I.L.S. Meter Ten. Box
1		Spare Light Box
2	FL-30M	Range Filters
1		Dehydrator - A.D.F. Loop.

N/A TO E 277

JUN 3 1965

JIM DES RAY  
JACK TOM FILE

TITLE

INSTN - AVTEK R.F. RADIO

E.M. No.

1449/

1. Cont'd

Qty	Part. No.	Component.
1	LP-21AM	ADF. Loop
1		Ant. Feedthru' Insulator
1		V.H.F. Test Facility (Conn., Jack, T.S. & cable)
2		6" Cabin Speaker Assys
1	MT-589/AAU-12	Mount.
1	FT-227A	"
1	MT-5/ARR-2	"
1	MR-64A	"
1	FT-213A	"
1		Interphone Dynamotor Mount
1		Interphone Control Mount
1	3MBA 6613	Flex Drive Cables
All		
1	AN5771-3	Deicing Pressure Gauge
<del>1</del>	<del>AN5771-3</del>	<del>Rate of Climb Indicator</del>
1	Type C-4c	Rate of Climb Indicator
1	I-81-A	Radio Compass "

2. Remove all the interconnecting wiring between the units removed and other aircraft systems.

3. Remove the AN5771-3A Suction Gauge from the A.M. end of the instrument panel, and reinstall in the cutout directly above the A.M. Indicator.

4. Install a blanking plate over the holes formerly occupied by the Deicing Pressure and Suction gauges on the A.M. end of the instr' panel. The construction of instr' of this plate should be similar to others used on the panel.



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12491

5. Relocate the vacuum restrictor tee that was used with the D.G. and T.F.B. indicators. Move from A.H. to L.H. side of the Instr' Panel mtg. frame.

6. Remove the following components of the "V" type antenna ass'y:

- (a) 1 - 901-180805 Beech Mast.
- (b) 2 - 644-180686 Insulated Beech Clamps.
- (c) 1 - MS25053-1 Tee Connection.
- (d) 1 - MS25054-1A Feed Thru' Insulator
- (e) 1 - MS25056-1A Support Sleeve
- (f) 2 - 12312-1D Tension Units.
- (g) WS-58/U Antenna Wire & lead In ] (Scrap)

(Retain  
for

Reinstallation)

7. Patch the holes in the fuselage formerly occupied by the following items:

<u>Item</u>	<u>Location</u>
Marker Beacon Ant. Mast	(Lower centre fuselage (beneath cabin door)
Feed Thru' Insulator (MS25054-1A)	(A.H. Upper Fuselage - Just aft of BKhd #10.)

8. The fabrication and installation of the components required for the H.F. Radio inst'n, shall be made to the following dwgs.

<u>Dwg No.</u>	<u>Title</u>
112-63027	Inst'n - D.G. & H.F. Transceiver
112-72068	Wiring Diagram - H.F. Radio.
112-72083	Inst'n - S-5DTR Power Supply Unit.
112-72085	Inst'n - Bracket Mtg H.F. Receptacles.
112-72086	Inst'n - Antenna & Coupler - H.F. Radio.

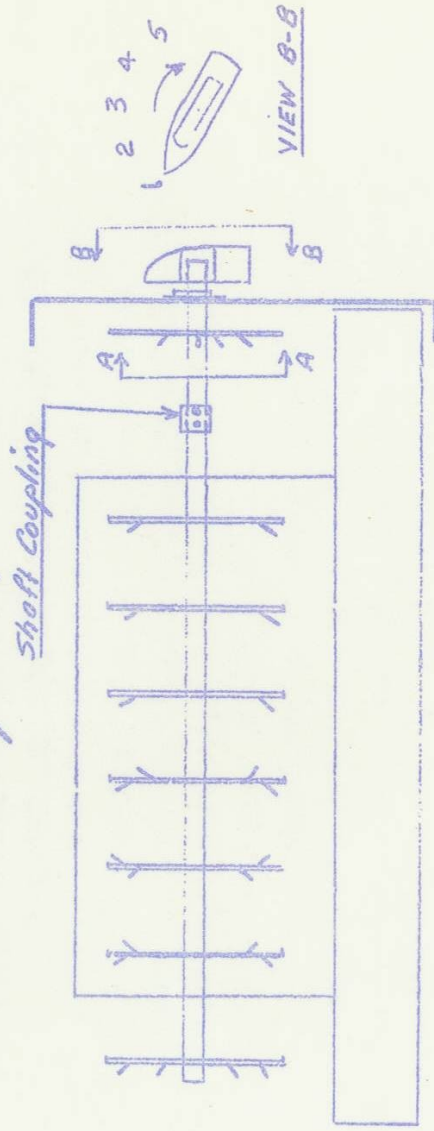
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9. Add an additional phenolic switch section (1 P-6 pos, non shorting type) to the shaft of the channel sel. switch in the RT-25 H.F. Transceiver. (See sketch below). This switch section is req'd for the operation of the ledex unit in the antenna loading unit.



SIDE VIEW - RT-25 H.F. TRANSCIVER



TO MS3106A 22-205  
CONNECTOR

Dwg. 112-72068

VIEW A-A - LOADED PHENOLIC SW SECTION

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10. Function check the transceiver & coupler units, and adjust where necessary, for max power out on 3023.5, 4645 & 4696.5 Kels.

Note: The Ant. Coupler & Transceiver are supposed to be tuned to these frequencies