

WESTERN UNION C.R.C.
MCLB DRAWER 38
ALBANY GA 31704 28AM

WESTERN UNION MAILGRAM



4-006016A028 01/28/91 ICS DODCRSB ABN BESH
00451 DOD CRC ALBANY GA 282149Z JAN 91/028

U S DEPT OF AGRIC. FOREST SVC AVN FIRE MGMT
3905 VISTA AVE
BOISE ID 83705

①
UH-1-91-ASAM-03
improved particle
separator

1 R RUCIFRD5547 0282037 DA-BDCVBA
R 281545Z JAN 91 ZEX
FM CDRAVSCOM ST LOUIS MO //AMSAV-XSOF//
TO RUCLRFA/USDA FOREST SERVICE AVIATION FIRE MGMT
//3905 VISTA AVE BOISE ID 83705//
DA-BDCVBA

UNCLAS
SECTION 01 OF 02

SUBJECT - AVIATION SAFETY ACTION MESSAGE, INFORMATIONAL. RCS
CSGLD-1860(R1), ALL UH-1H/V HELICOPTERS, ADVANCE NOTICE OF MANUAL
CHANGES CONCERNING THE IMPROVED INLET PARTICLE SEPARATOR (IPS),
(UH-1-91-ASAM-03)

NOTE - THIS IS AN AVIATION SAFETY ACTION MESSAGE ISSUED PER AR 95-3,
PAGE 02 RUCIFRD5547 UNCLAS

CHAPTER 5 REVISION VIA MESSAGE HQ AVSCOM, AMSAV-XSOF, 181900Z SEP 90,
SUBJECT CHANGE TO AR 95-3, CHAPTER 5, SAFETY OF FLIGHT MESSAGES.

THIS MESSAGE HAS NOT BEEN TRANSMITTED TO UNITS SUBORDINATE TO
ADDRESSEES. ADDRESSEES SHOULD IMMEDIATELY RETRANSMIT THIS MESSAGE TO
ALL SUBORDINATE UNITS, ACTIVITIES OR ELEMENTS AFFECTED OR CONCERNED.
THE RETRANSMITTAL SHALL REFERENCE THE MESSAGE. ACTION ADDRESSES WILL
IMMEDIATELY VERIFY THIS RETRANSMISSION TO COMMANDER, AVSCOM, ATTN -
AMSAV-XSOF (SQF COMPLIANCE OFFICER).

1. PRIORITY CLASSIFICATION - N/A.
2. TASK/INSPECTION SUSPENSE DATE - N/A.
3. REPORTING COMPLIANCE SUSPENSE DATE - N/A.
4. SUMMARY OF PROBLEM - THE PURPOSE OF THIS MESSAGE IS TO
 - A. ADVISE UH-1 UNITS THAT COVERS SHOULD BE USED ON IPS
EQUIPPED AIRCRAFT AND INSTRUCTIONS FOR MAKING THE COVER ARE AVAILABLE
FROM AVSCOM LOGISTICS ASSISTANCE REPRESENTATIVES (LAR).
 - B. PROVIDE ADVANCE NOTICE OF A MANUAL CHANGE AND AUTHORIZE
THE INSTALLATION OF A DRAIN LINE FOR THE IPS. DRAWINGS MAY BE
OBTAINED FROM THE AVSCOM LAR.
 - C. PROVIDE ADVANCE NOTICE OF A MANUAL CHANGE AND AUTHORIZE
THE CUTTING OF TRANSMISSION COWLS RUBBING ON THE INSIDE OF THE IPS.

PAGE 03 RUCIFRD5547 UNCLAS

- D. PROVIDE AND AUTHORIZE VORTEX TUBE REPAIR PROCEDURES.
5. END ITEMS TO BE INSPECTED - N/A.
6. ASSEMBLY COMPONENTS TO BE INSPECTED - N/A.
7. PARTS TO BE INSPECTED - N/A.
8. INSPECTION PROCEDURES - N/A.

WESTERN
UNION MAILGRAM

②

9. CORRECTION PROCEDURES -

A. IPS COVER - AVIATION SAFETY MESSAGE, UH-1-90-ASM-02, IDENTIFIED A PROBLEM INVOLVING THE UH-1 IMPROVED PARTICLE SEPARATOR (IPS) AND ICE/SNOW ACCUMULATION IN PARKED AIRCRAFT. THE ASM RECOMMENDED COVERING THE IPS IN AREAS THAT WERE SUBJECT TO SLEET, FREEZING RAIN, OR SNOW. CONDITIONS IN SAUDI ARABIA HAVE SHOWN THAT BLOWING DUST AND SAND CAN ALSO ACCUMULATE IN THE ENGINE INLET AREA WHILE AIRCRAFT ARE PARKED. A COVER, P/N 1730FG179, HAS BEEN DEVELOPED FOR THE IPS THAT PROVIDES PROTECTION FROM ALL THE ELEMENTS MENTIONED. THIS COVER, P/N 1730FG179, IS A FIELD MAKE ITEM. ALL AIRCRAFT EQUIPPED WITH THE IPS SHOULD HAVE THIS COVER AVAILABLE FOR USE. TO OBTAIN A COPY OF THE DRAWINGS TO MAKE THE IPS COVER, P/N 1730FG179, CONTACT YOUR AVSCOM LAR.

B. IPS DRAIN LINE - WHEN THE IPS MWO WAS INSTALLED, THE OLD DRAIN LINE WAS REMOVED AND NOW A NEW ONE SHOULD BE REINSTALLED. THE PAGE 04 RUCIFRD5547 UNCLAS DRAIN LINE IS A FIELD MAKE ITEM CONSISTING OF P/N'S 205-061-214-1, IPS-1 AND IPS-2. TO OBTAIN A COPY OF THE DRAWING, CONTACT YOUR AVSCOM LAR.

C. TRANSMISSION COWL CUTTING PROCEDURE - THERE HAS BEEN AN INTERFERENCE PROBLEM BETWEEN THE IPS AND TRANSMISSION COWL. THIS IS CAUSING CHAFING BETWEEN THE IPS AND COWL. THERE HAVE BEEN CASES OF THE RIVET HEADS ON THE IPS WEARING OFF. IF THIS OCCURS, THE INNER PORTION OF THE RIVET MUST BE REMOVED FROM THE IPS. THIS IS ACCOMPLISHED BY REMOVING AND SHAKING THE IPS UPPER HALF AND WORKING THE RIVET TO THE EXTRACTOR SLOTS ON THE AFT SIDES OF THE IPS. REPLACE ALL RIVETS WITH BLIND RIVETS IAW STANDARD PRACTICES. IF ANY SIGNS OF CHAFING BETWEEN IPS AND TRANSMISSION COWL EXIST, DO THE FOLLOWING

- (1) WITH COWL LATCHED IN POSITION, USE FORWARD EDGE OF IPS TO MARK A CUT LINE ON THE COWL.
- (2) REMOVE COWL FROM AIRCRAFT AND CUT.
- (3) REMOVE SHARP EDGES.
- (4) FOR SHEET METAL COWL WHEN THE SHEET METAL IS CUT, THE WELDED FORMER INSIDE THE COWL WILL BE CUT INTO. TO PROVIDE SECURITY AND SEALING OF THE EXPOSED (OPEN) END OF THE CUT FORMERS, INSTALL A SPACER SUCH AS A PHENOLIC BLOCK TO FIT EACH OPENING. SECURE THE SPACER TO COWL USING RIVETS. SEAL THE SPACER INSTALLATION WITH SEALANT, MIL-S-8802, TO PREVENT ENTRY OF MOISTURE INSIDE THE FORMER.
- (5) FOR FIBERGLASS COWL SEAL THE CUT ENDS OF THE FIBERGLASS COWL USING FIBERGLASS REPAIR PROCEDURES.
- (6) PRIME AND TOUCH UP COWL TO MATCH EXISTING PAINT COLOR.
- (7) REINSTALL COWL ON AIRCRAFT.

NOTE

DO NOT STAND ON TOP OF THE PARTICLE SEPARATOR WHILE PERFORMING

16:59 EST

MGMCOMP

WESTERN UNION C.R.C.
MCLB DRAWER 38
ALBANY GA 31704 28AM

WESTERN UNION MAILGRAM



4-005998A028 01/28/91 ICS DODCRSB ABN BESB
00448 DOD CRC ALBANY GA 282149Z JAN 91/028

3

USDA FOREST SCV VIATION FIRE MGMT
3905 VISTA AVE
BOISE ID 83705

1 R RUCIFRD5548 0282037 DA-BDCVBA
R 281545Z JAN 91 ZEX
FM CDRAVSCOM ST LOUIS MO //AMSAV-XSOF//
TO RUCLRFA/USDA FOREST SERVICE AVIATION FIRE MGMT
//3905 VISTA AVE BOISE ID 83705//

DA-BDCVBA
UNCLAS

FINAL SECTION OF O2

MAINTENANCE. THE SCREEN WILL SCRAPE FOD FROM THE BOTTOM OF BOOTS WHICH COULD FALL THROUGH THE VORTEX TUBES INTO THE CLEAN AIR PATH FOR THE ENGINE INLET.

D. VORTEX TUBE REPAIRS -

(1) AS A TEMPORARY REPAIR, UP TO 50 VORTEX TUBES REQUIRING PAGE 02 RUCIFRD5548 UNCLAS REPLACEMENT ON ANY SIDE OR TOP PANEL, NOT TO EXCEED 100 PER AIRCRAFT, MAY BE COVERED WITH TAPE UNTIL TUBES ARE REPLACED. CUT PRESSURE ADHESIVE TAPE TO FIT OVER DAMAGED, LOOSE, OR MISSING TUBES.

(2) DAMAGE TO THE SWIRL VANES INSIDE THE VORTEX TUBES IS CONSIDERED NEGLIGIBLE IF NO MORE THAN 0.250 INCH OF THE LEADING EDGE OF EACH VANE IS ERODED AWAY OR BROKEN OFF. REMOVE ANY UNSECURED FRAGMENTS. JAGGED TEARS IN THE FIRST 0.250 INCH OF EACH VANE SHOULD BE TRIMMED OFF TO PREVENT FURTHER TEARING.

10. SUPPLY/PARTS AND DISPOSITION - N/A.

11. SPECIAL TOOLS, JIGS AND FIXTURES REQUIRED - N/A.

12. APPLICATION - TM 55-1520-210-23 AND TM 55-1520-210-23P SHALL BE CHANGED TO REFLECT THE INFORMATION IN THIS MESSAGE. A COPY OF THIS MESSAGE MAY BE INSERTED IN THE APPROPRIATE TM AS AUTHORITY TO IMPLEMENT THE CHANGE UNTIL THE PRINTED CHANGE IS RECEIVED.

13. REFERENCE -

(1) AVSCOM MESSAGE 202030Z MAR 90, SUBJECT - AVIATION SAFETY MESSAGE, ALL UH-1H/V AIRCRAFT, IMPROVED PARTICLE SEPARATOR (UH-1-90-ASM-02)

(2) TM 55-1520-210-23, AVIATION UNIT AND INTERMEDIATE MAINTENANCE MANUAL, ARMY MODEL UH-1D/H/V HELICOPTER, DTD 30 SEP 87. PAGE 03 RUCIFRD5548 UNCLAS

(3) TM 55-1520-210-23P, AVIATION UNIT AND INTERMEDIATE MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST, ARMY MODEL UH-1D/H/V HELICOPTER, DTD 27 FEB 81.

14. RECORDING AND REPORTING REQUIREMENTS - N/A.

15. WEIGHT AND BALANCE - N/A.

PORT MORESBY PAPUA NEW GUINEA
230 KATMANDU NP

UNCLAS

SECTION 01 OF 02

NO 2004 TAKE FOR INFO ONLY
IN 2704 TAKE FOR INFO ONLY

CASE 04 PUCI1P05543 UNCLAS
NO 7515 TAKE FOR INFO ONLY
ATE 5002 TAKE FOR INFO ONLY

SUBJECT - AVIATION SAFETY ACTION MESSAGE, INFORMATIONAL, PCS
05010-1 PART 1), ALL UH-1H/V HELICOPTERS; ADVANCE NOTICE OF MANUAL
CHANGES CONCERNING THE IMPROVED INLET PARTICLE SEPARATOR (IPS) (UH-1-90-ASM-03)

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CHAPTER 5 REVISION VIA MESSAGE HQ AVSCOM, AMSAV-XSOF, 181900Z SEP 90.
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IMMEDIATELY VERIFY THIS RETRANSMISSION TO COMMANDER, AVSCOM, ATTN -
AMSAV-XSOF (SOP COMPLIANCE OFFICER).

1. PRIORITY CLASSIFICATION - N/A.
2. TASK/INSPECTION SUSPENSE DATE - N/A.
3. REPORTING COMPLIANCE SUSPENSE DATE - N/A.
4. SUMMARY OF PROBLEM - THE PURPOSE OF THIS MESSAGE IS TO
A. ADVISE UH-1 UNITS THAT COVERS SHOULD BE USED ON IPS

PAGE 05 PUCI1P05543 UNCLAS

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FROM AVSCOM LOGISTICS ASSISTANCE REPRESENTATIVES (LAR).

B. PROVIDE ADVANCE NOTICE OF A MANUAL CHANGE AND AUTHORIZE
THE INSTALLATION OF A DRAIN LINE FOR THE IPS. DRAWINGS MAY BE
OBTAINED FROM THE AVSCOM LAR.

C. PROVIDE ADVANCE NOTICE OF A MANUAL CHANGE AND AUTHORIZE
THE CUTTING OF TRANSMISSION COWLS BUBBING ON THE INSIDE OF THE IPS.

D. PROVIDE AND AUTHORIZE VORTEX TUBE REPAIR PROCEDURES.

1. END ITEMS TO BE INSPECTED - N/A.
2. ASSEMBLY COMPONENTS TO BE INSPECTED - N/A.
3. PARTS TO BE INSPECTED - N/A.
4. INSPECTION PROCEDURES - N/A.
5. CORRECTION PROCEDURES -

4. IPS COVER - AVIATION SAFETY MESSAGE, UH-1-90-ASM-02,
IDENTIFIED A PROBLEM INVOLVING THE UH-1 IMPROVED PARTICLE SEPARATOR
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RECOMMENDED COVERING THE IPS IN AREAS THAT WERE SUBJECT TO SLEET,
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PAGE 06 PUCI1P05543 UNCLAS

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B. IPS DRAIN LINE - WHEN THE IPS MHO WAS INSTALLED, THE OLD
DRAIN LINE WAS REMOVED AND NOW A NEW ONE SHOULD BE REINSTALLED. THE
DRAIN LINE IS A FIELD MAKE ITEM CONSISTING OF P/N'S 205-061-214-1,
104-1 AND IPS-2. TO OBTAIN A COPY OF THE DRAWING, CONTACT YOUR
AVSCOM LAR.

C. TRANSMISSION COWL CUTTING PROCEDURE - THERE HAS BEEN AN
INTERFERENCE PROBLEM BETWEEN THE IPS AND TRANSMISSION COWL. THIS IS
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REPLACE ALL RIVETS WITH PLUNG RIVETS IAW STANDARD PRACTICES. IF ANY
SIGNS OF CHAFING BETWEEN IPS AND TRANSMISSION COWL EXIST, DO THE
FOLLOWING

PRIORITY

*Partial separ
covers
du
& cover
UH-*

ASAM

REF ID: A66543 UNCLAS

- DO MARK A CUT LINE ON THE COWL.
- (1) WITH COWL LATCHED IN POSITION, USE FORWARD EDGE OF IPS
 - (2) REMOVE COWL FROM AIRCRAFT AND CUT.
 - (3) REMOVE SHARP EDGES.
 - (4) FOR SHEET METAL COWL WHEN THE SHEET METAL IS CUT, THE
INCLUDED FORMER INSIDE THE COWL WILL BE CUT INTO. TO PROVIDE SECURITY
AND SEALING OF THE EXPOSED (OPEN) END OF THE CUT FORMERS, INSTALL A
SPACER SUCH AS A PHENOLIC BLOCK TO FIT EACH OPENING. SECURE THE
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 - (5) FOR FIBERGLASS COWL SEAL THE CUT ENDS OF THE
FIBERGLASS COWL USING FIBERGLASS REPAIR PROCEDURES.
 - (6) PRIME AND TOUCH UP COWL TO MATCH EXISTING PAINT COLOR.
 - (7) REINSTALL COWL ON AIRCRAFT.

NOTE

DO NOT STAND ON TOP OF THE PARTICLE SEPARATOR WHILE PERFORMING

BT

#5543

NNNN

PORT MORESBY PAPUA NEW GUINEA
KATMAN NP

UNCLAS
SECTION OF 02
THE SCREEN WILL SCRAPE FOD FROM THE BOTTOM OF ROOTS
WHICH COULD FALL THROUGH THE VORTEX TUBES INTO THE CLEAN AIR PATH FOR

PAGE 04 RUCIFPO5545 UNCLAS

- THE ENGINE INLET.
1. VORTEX TUBE REPAIRS -
 - (1) AS A TEMPORARY REPAIR, UP TO 50 VORTEX TUBES REQUIRING REPLACEMENT ON ANY SIDE OR TOP PANEL, NOT TO EXCEED 100 PER AIRCRAFT, MAY BE COVERED WITH TAPE UNTIL TUBES ARE REPLACED. CUT PRESSURE ADHESIVE TAPE TO FIT OVER DAMAGED, LOOSE, OR MISSING TUBES.
 - (2) DAMAGE TO THE SWIRL VANES INSIDE THE VORTEX TUBES IS CONSIDERED NEGLIGIBLE IF NO MORE THAN 0.250 INCH OF THE LEADING EDGE OF EACH VANE IS ERODED AWAY OR BROKEN OFF. REMOVE ANY UNSECURED FRAGMENTS. JAGGED TEARS IN THE FIRST 0.250 INCH OF EACH VANE SHOULD BE TRIMMED OFF TO PREVENT FURTHER TEARING.
 10. SUPPLY PARTS AND DISPOSITION - N/A.
 11. SPECIAL TOOLS, JIGS AND FIXTURES REQUIRED - N/A.
 12. APPLICATION - TM 55-1520-210-23 AND TM 55-1520-210-23P SHALL BE CHANGED TO REFLECT THE INFORMATION IN THIS MESSAGE. A COPY OF THIS MESSAGE MAY BE INSERTED IN THE APPROPRIATE TM AS AUTHORITY TO IMPLEMENT THE CHANGE UNTIL THE PRINTED CHANGE IS RECEIVED.

3. REFERENCE -

- (1) AVSCOM MESSAGE 202030Z MAR 90, SUBJECT - AVIATION SAFETY MESSAGE. ALL UH-1H/V AIRCRAFT, IMPROVED PARTICLE SEPARATOR

PAGE 05 RUCIFPO5545 UNCLAS

- UH-1-90-ASN-02)
- (2) TM 55-1520-210-23, AVIATION UNIT HAND INTERMEDIATE MAINTENANCE MANUAL, ARMY MODEL UH-1D/H/V HELICOPTER, DTD 30 SEP 87.
 - (3) TM 55-1520-210-23P, AVIATION UNIT AND INTERMEDIATE MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST, ARMY MODEL UH-1D/H/V HELICOPTER, DTD 27 FEB 81.
4. RECORDING AND REPORTING REQUIREMENTS - N/A.
 5. WEIGHT AND BALANCE - N/A.
 6. POINTS OF CONTACT -
 - A. TECHNICAL POINT OF CONTACT FOR THIS MESSAGE IS MR. RALPH EMMER, AMSAV-ECH, DSN 693-1683 OR COMMERCIAL 314/263-1683.
 - B. LOGISTICAL POINT OF CONTACT FOR THIS MESSAGE IS MR. CHARLES LKINS, AMCPM-UH1-T, DSN 693-3763 OR COMMERCIAL 314/263-3763.
 - C. POINT OF CONTACT FOR THIS MESSAGE IS MR. BRAD MEYER, AMSAV-XSOF, DSN 693-9089 OR COMMERCIAL 314/263-9089.
 - D. FOREIGN MILITARY SALES (FMS) RECIPIENTS REQUIRING VERIFICATION OF ACTION ADVISED BY THIS MESSAGE SHOULD CONTACT MR. VAN REES, AMSAV-IO4, DSN 693-2626 OR COMMERCIAL 314/263-2626.
 - E. AFTER HOURS CONTACT AVSCOM COMMAND OPERATIONS CENTER (COC) DSN 693-2066/7 OR COMMERCIAL 314/263-2066/7.

1

ESUE

UNCLAS

05 DEC 1990

MEMORANDUM FOR RECORD

SUBJECT: Procedure for Transmission Cowl Interference

1. If any signs of chaffing between IPS and Transmission Cowl exist, do the following:

Sheet metal cowl/fiberglass cowl

1) With cowl latched in position, use forward edge of IPS to mark a cut line on the cowl.

2) Remove cowl from aircraft and cut.

3) Remove sharp edges.

4a) Sheet metal cowl


- Anywhere the former has been cut, insert spacer rivet to skins, broseal any voids.

4b) Fiberglass cowl

- Anywhere former has been cut, fiberglass the void for waterproofing.

5) Paint cowl in accordance with TM.

6) Reinstall cowl on aircraft OVER ASSEMBLY.


KENNETH P. LUBER
Deputy Product Manager for UH-1

VACUUMING
TREAMER
PLACES

	WEBBING REAR	1730 EG 179 12	2 X 65
	WEBBING INSIDE FWD	1730 EG 179 11	2 X 40
	WEBBING DOUBLER RH	1730 EG 179 10	2 X 4
	WEBBING DOUBLER LH	1730 EG 179 9	2 X 4
	WEBBING FWD RH	1730-EG-179-8	2 X 19
	WEBBING FWD LH	1730-EG-179-7	2 X 19
	COVER AFT RH	1730-EG-179-6	19 X 929
	COVER AFT LH	1730-EG-179-5	19 X 925
	COVER SIDE RH	1730-EG-179-4	285 X 175
	COVER SIDE LH	1730-EG-179-3	285 X 175
	COVER CENTER	1730-EG-179-1	42 X 35
AR	THREAD NYLON	8130-00-262-2772	V.T. 255
4 FT.	CLOTH COATED	8130-00-262-2772	MIL C 2088
13 FT.	WEBBING NYLON	8130-00-262-2772	MIL W 4088
2	STREAMER WARNING	8145-00-863-9170	67073391-3
11	CAP SNAP FASTNER	5325-00-359-6844	
11	SOCKET SNAP FASTNER	5325-00-263-6250	

QTY REQD	ALTERNATE OR DESCRIPTION	PART OR IDENTIFYING NO	SPECIFICATION
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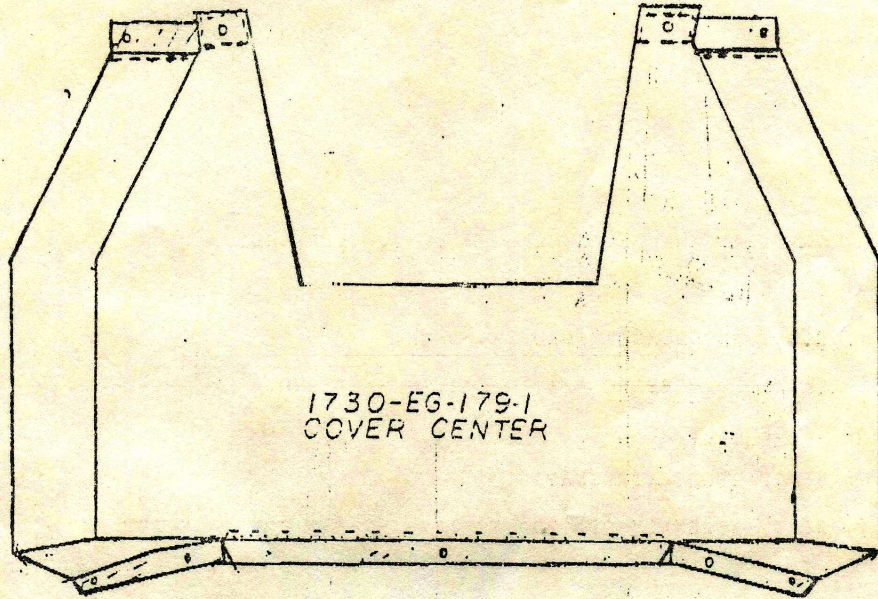
LIST OF MATERIALS OR PARTS LIST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMALS ANGLES $\pm 1/8$	DRAWN Q. SEWARD APR 80	US ARMY TROOP SUPPORT AVIATION MATERIAL READINESS COMMAND ST. LOUIS 61834631	
	CHECKED SUBMITTED APPROVED _____ DATE _____		
	MATERIAL	CODE IDENT NO 81966	QTY
SCALE NONE		SHEET 1 OF 2	

NOTE

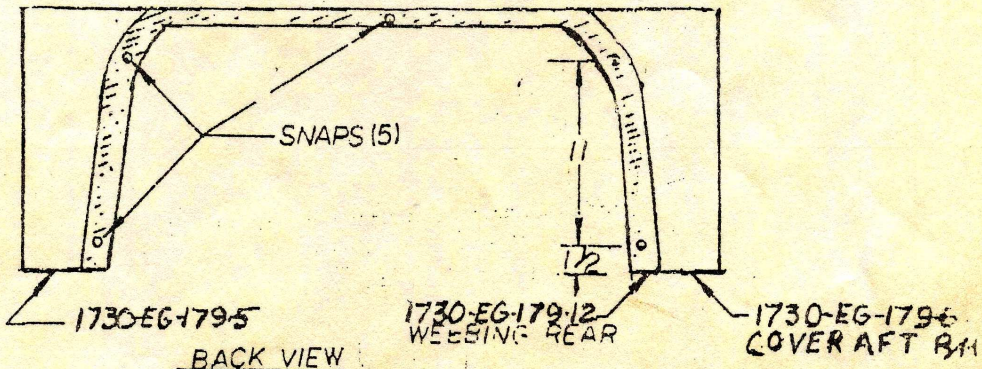
1. STITCHING SHALL BE IN ACCORDANCE WITH FED STD DDDS-751 WITH 7 TO 10 STITCHES PER INCH. STITCH TYPE 301
2. DURING ASSEMBLY MATCH ALIGNMENT MARKS EXAMPLE "A TO A" TO ENSURE PROPER PART CONSTRUCTION.
3. ALL TOP PANEL SEAMS ARE TO BE TOP STITCHED.
4. ALL SEWING PATTERNS TO BE BACK STITCHED 1/4 INCH.
5. SEAMS AND BORDER FOLD 3/4 INCH.
6. BACKFOLD WEBBING 1/4 TO 1/2 INCH AT END.
7. SINGLE WEBBING ENDS.
8. SINGLE HOLES FOR SNAP'S.
9. BEGIN ASSEMBLY OF 1730-EG-179-1-3-4-5 AND AT POINT "X".

↑
FRONT



1730-EG-179-1
COVER CENTER

TOP VIEW



SNAPS (5)

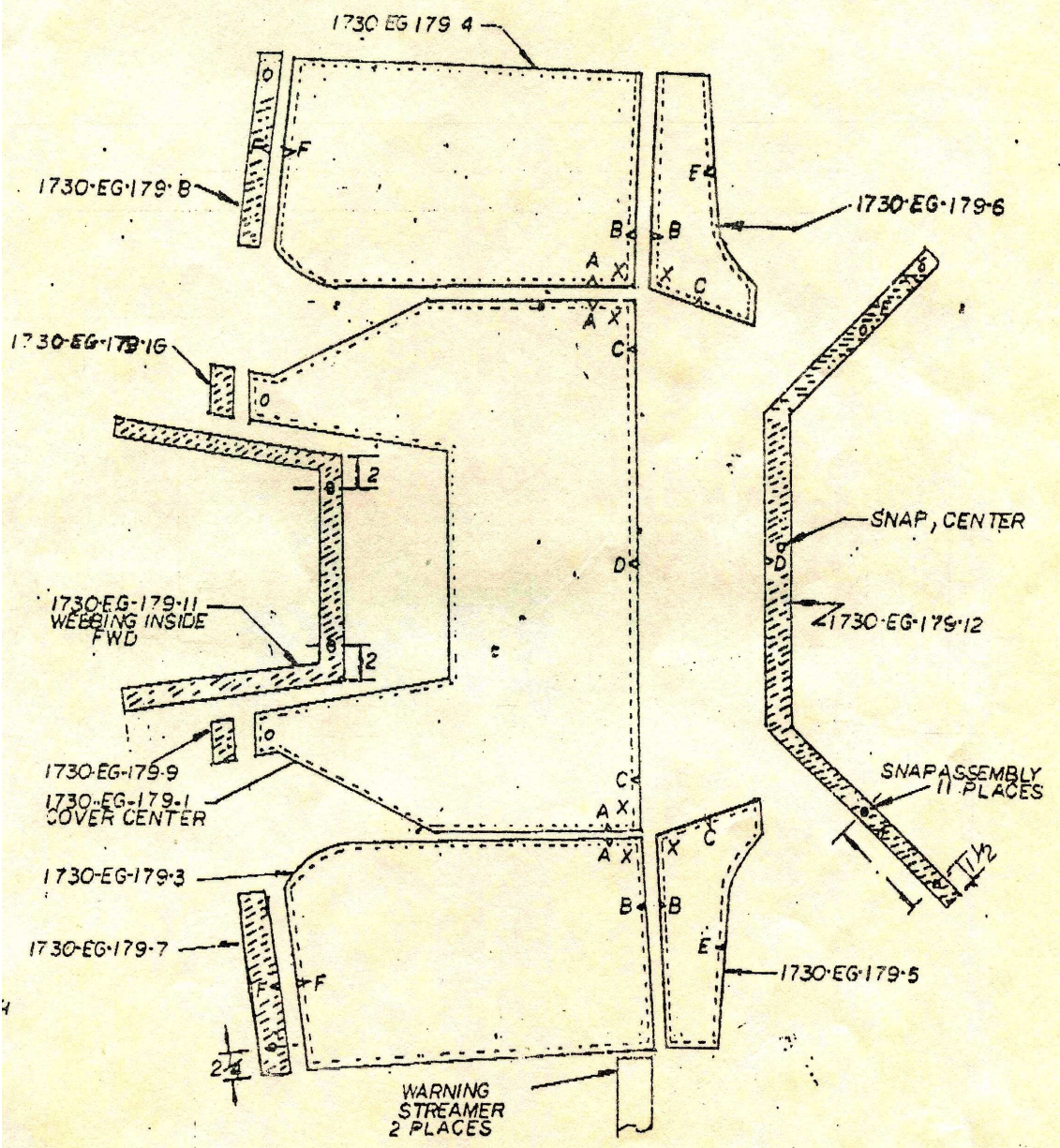
1730-EG-179-5

BACK VIEW

1730-EG-179-12
WEBBING REAR

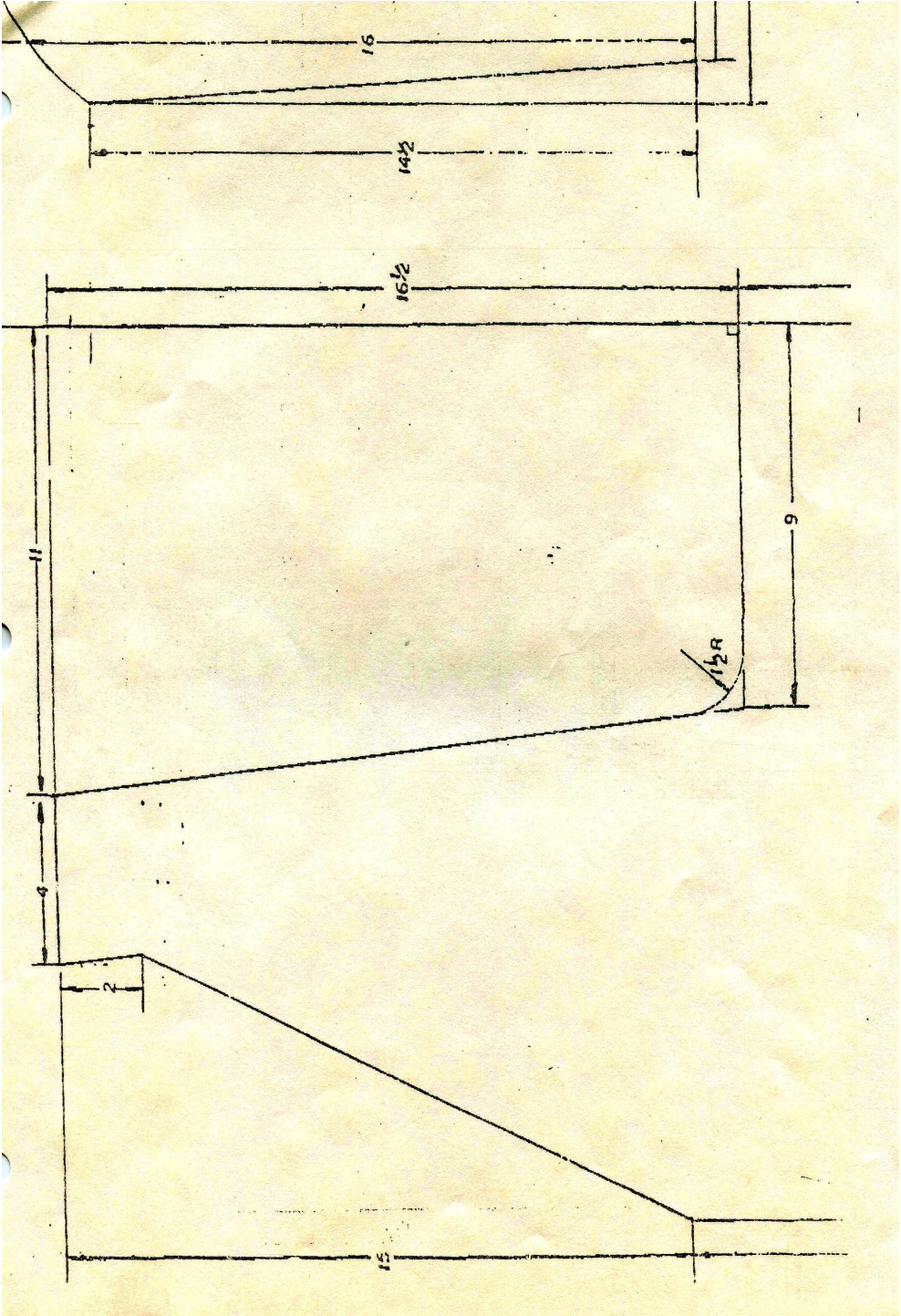
1730-EG-179-6
COVER AFT RM

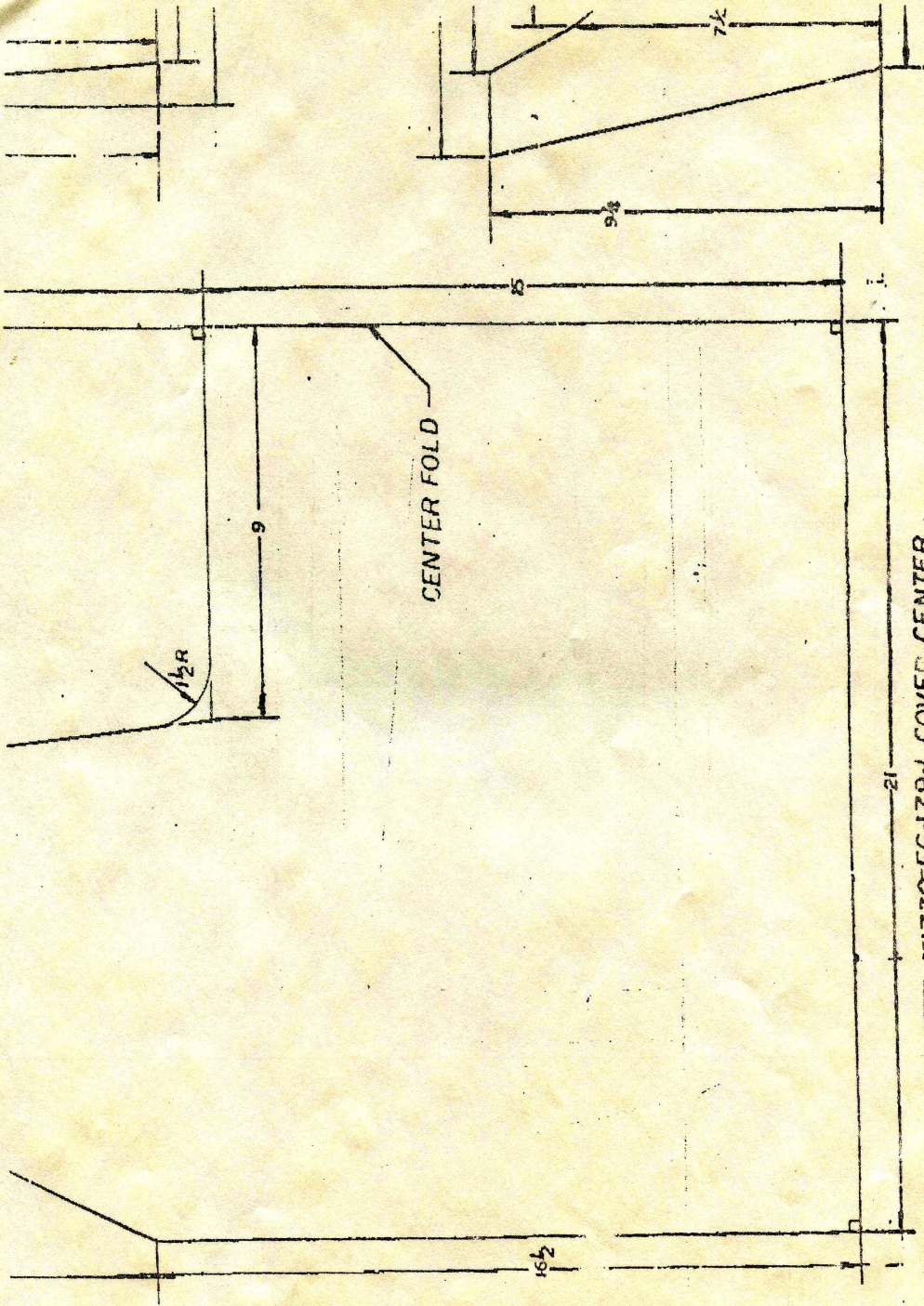
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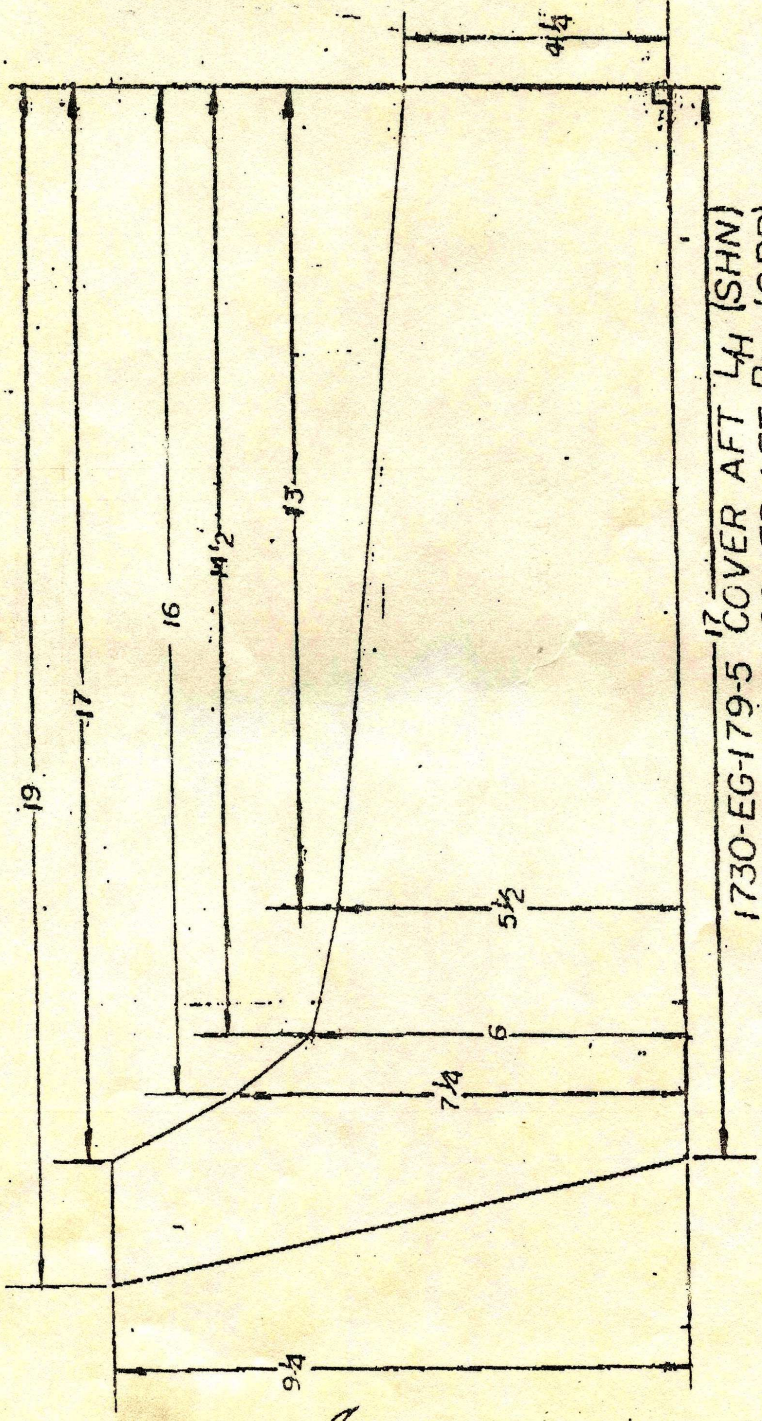
5

	WEBBING REAR	1730 EG 179 12	2
	WEBBING INSIDE FWD		

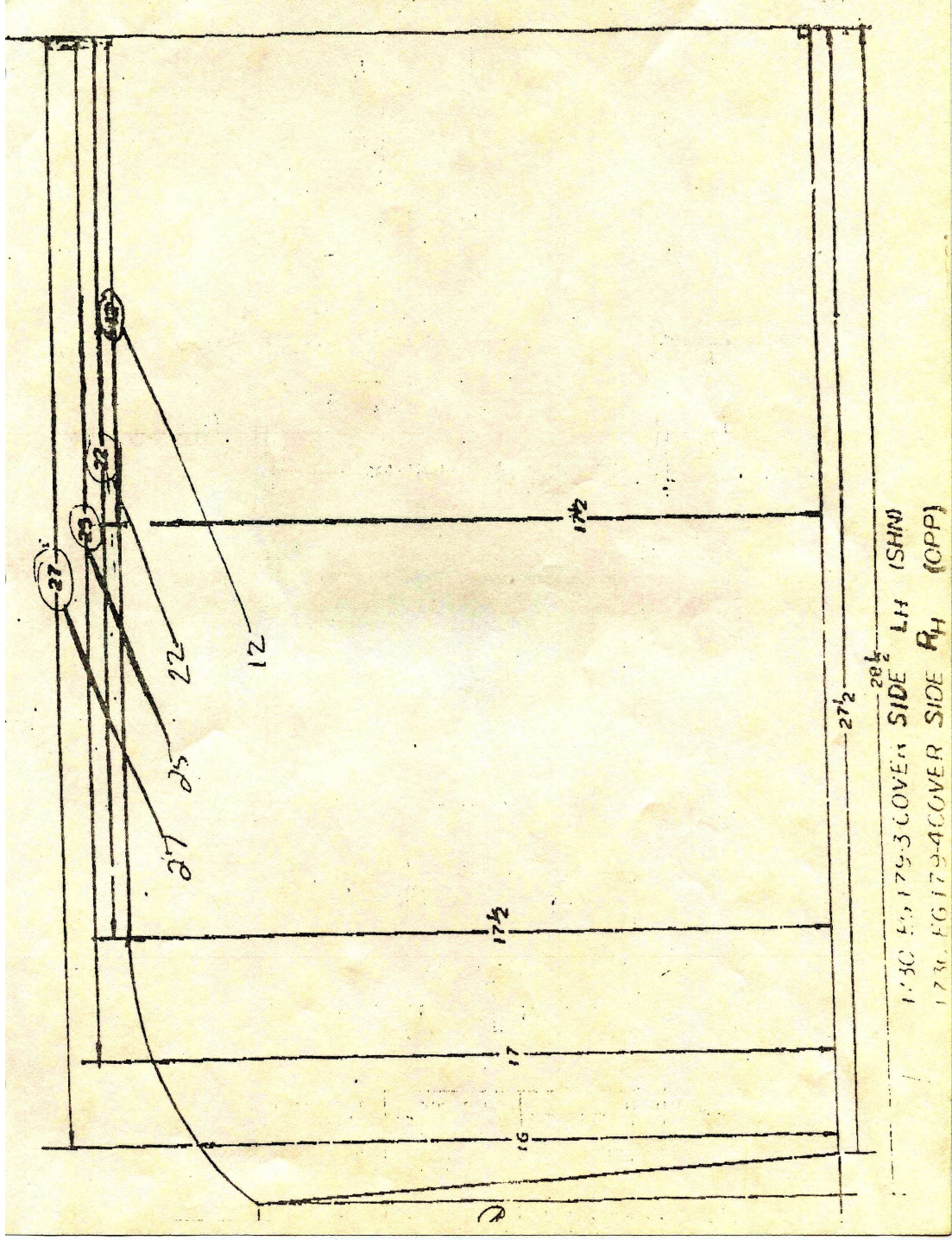


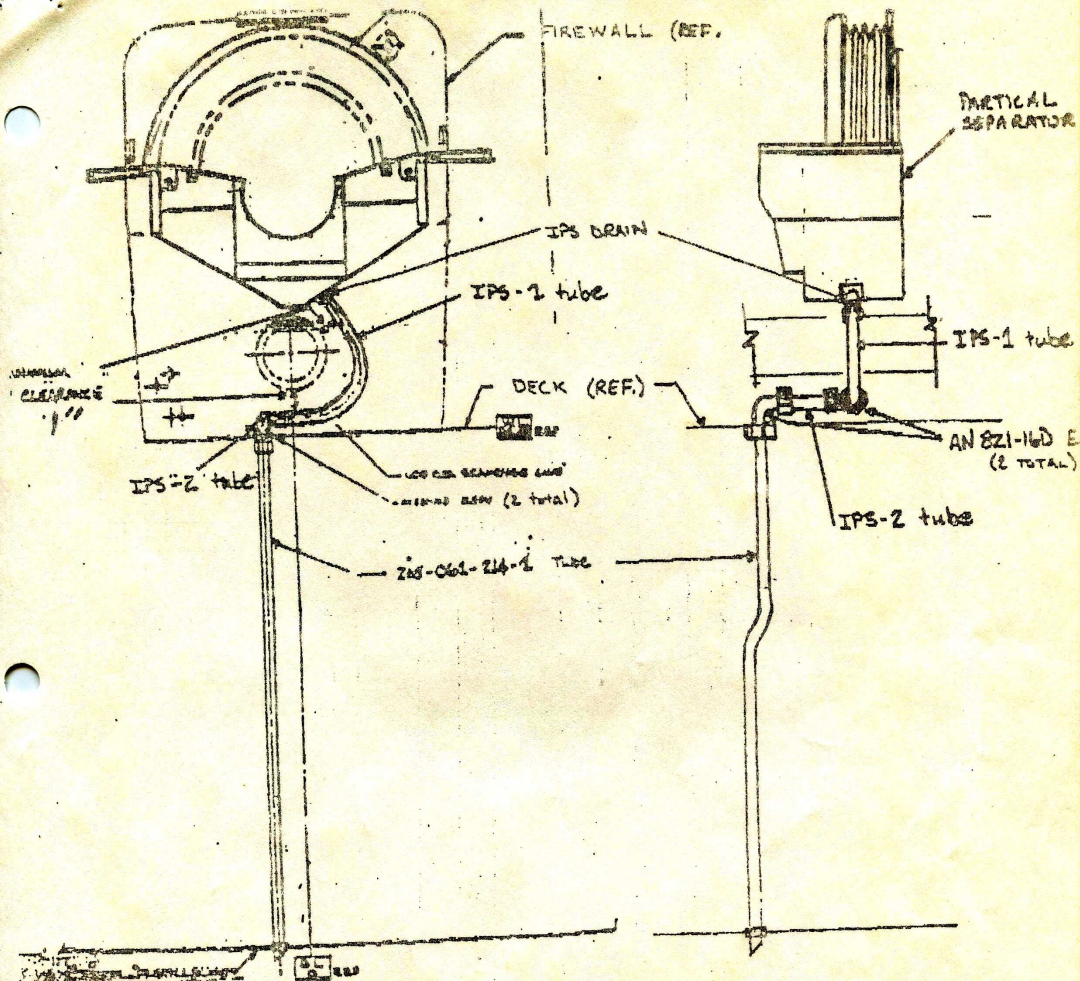


1730-EG-179-1 COVER CENTER CENTER
 PART IS SYMMETRICAL ABOUT CENTERFOLD
 1/4 DIMENSIONS (SHM)



1730-EG-179-5 COVER AFT LH (SHN)
 1730 EG 179 6 COVER AFT RH (OPP)





PART NUMBER	END WT	DIMENSION "A"		END RADIUS TYPE END "Y"	DIAL SETTING TYPE END "X"		BEND ANGLE PRESSURE TEST	END FITTING AND NOTES
		FROM "Y" END DIMENSION "B"	"B"		TYPE END "X"	"X"		
208-081-214-1 (Banning drain track)	1	3	3	3	0	40		Y - AN818-18D
	1	3	3	3	150	10		MS20318-19D
	1	3	3	3	V	N/A		X - Start Dial Setting 140
IPS-1	1	1.75	3	0	0	110		
IPS-2	N/A	STRAIGHT TUBE			SEE BELOW			

1.0

TUBE ASSEMBLY PART NO.	FABRICATE FROM NSN	STOCK DIM.		END FITTING				SYSTEM	
		OD	WT. L	NSN	QTY	SLEEVE NSN	QTY		
208-081-214-1	4710-00-273-4723	1	0.18	31	4730-00-222-1913	1	4730-00-287-0094	1	Drain
IPS-1	4710-00-273-0724	1	.035	10.5	4730-00-222-1915	2	4730-00-287-0095	2	Drain
IPS-2	4710-00-273-4723	1	.035	3.25	4730-00-222-1915	2	4730-00-287-0095	2	Drain

PART NUMBER	BEND NO.	DIMENSION "A" FROM "Y" END DIMENSION "B"	BEND RADIUS TYPE END "Y"	DIAL SETTING TYPE END "X"	BEND ANGLE PRESSURE TEST	END FITTING AND NOTES			
							STOCK DIM. L	END-FITTING QTY	SYSTEM
TUBE ASSY PART NO.	FABRICATE FROM NSN	OD	WT.	L	NUT NSN	QTY	SLEEVE NSN	QTY	SYSTEM
206-081-214-1 (Existing drain tube)	1		21	3	0	40	Y - ANS18-18D MS20819-18D X - Scrf Dial Setting 140		
	2		25 1/4	3	180	30			
			49	1	V	N/A			
IPS-1	1	1.75		3	0	110			
IPF-2	N/A	STRAIGHT TUBE SEE BELOW							
206-081-214-1	4710-00-278-8723	1.	.035	51	4730-00-222-1915	1	4730-00-287-0085	1	Drain
IPS-1	4710-00-278-8723	1	.035	10.5	4730-00-222-1915	2	4730-00-287-0085	2	Drain
IPS-2	4710-00-278-8723	1	.035	31.25	4730-00-222-1915	2	4730-00-287-0085	2	Drain

IPS DRAIN TUBE ASSY.

