

STANDARDS SHEET

AVIONICS BLACK BOXES & RELATED EQUIPMENT HOLE PATTERNS

DS NO	SIZE HOLES	AVIONIC BLACK BOX ETC
DS85-1	392 DIA 385	AUTO PLT / YAW DMP CMPTR
-2		FLT DIR CMPTR
-3		FLT CONT CMPTR
-4	141 DIA 151	YAW DMPR RELAY BOX
-5		ROLL DISABLE SW MT
-6		INTFC BOX
-7		WEA RDR STBLN SW MT
-8		ANT. PWR DIVIDER
-9		MKR, 51Z-4
-10		DME #2, KDM 7000
-11		DME #1, KDM 7000
-12		DME #1+2, DME 40
-13	329 DIA. 322	ADC #1, 4013241-903
-14		AUTO PLT CPLG UNIT
-15		VOR/ILS #2, 51RV
-16		VOR/ILS #1, 51RV & VOR/ILS #1+2, VIR3
-17		ADC #2, 4013241-903
-18		AUD INTEG RES BD
-19		ATC #1, 621A-6

DRAWN	STELZER	CLASSIFICATION	STANDARD
CHECKED		DRILL PATTERN LAY OUT -	DS-85
STRESSED	WMB	AVIONICS, COMPUTERIZED	
APPROVED			

9 FEB 75

SHEET 1 OF 4

ISS. A SHT 4 ADDED
29-10-79 N.A.
STELZER

(A)



STANDARDS SHEET

CONT'D FROM SH. 1:

DS NO	SIZE HOLES	AVIONIC BLACK BOX ETC
DS 85-20		ATC #1+2, TDR 90
-21		VHF #1, 618 M-3
-22	329 DIA. 322	VHF #1+2, 20A
-23		ATC #2, 621A-6
-24		VHF #2, 618 M-3
-25		FLT DATA ACQ UNIT
-26		GND PROXIMITY WRN SYS CMPTR
-27		WEA. RDR XCVR
-28		ATC, KXP 755
-29		DME #1, KDM 705
-30		ADC #1, 4013242-709
-31		DME #2, KDM 705
-32		ADC #2, 4013242-709
-33		VHF COMM #1, KTR 905
-34		VHF COMM #2, KTR 905
-35		VHF NAV #1, KNR 630
-36		VHF NAV #2, KNR 630
-37		VHF NAV #1, KDA 697
-38	141 DIA. 151	VHF NAV #2, KDA 697
-39		DRC 20-04 COUPLER

DRAWN	STELZER	CLASSIFICATION	STANDARD
CHECKED	<i>[Signature]</i>	DRILL PATTERN LAY OUT - AVIONICS, COMPUTERIZED	DS-85
STRESSED	<i>[Signature]</i>		
APPROVED	<i>[Signature]</i>		

9 FEB 75

SHEET 2



STANDARDS SHEET

CONT'D FROM SH. 1;

DS NO	SIZE HOLES	AVIONIC BLACK BOX ETC
DS 85-40	.141 DIA. .151	MKR #1, KMR 675
-41		MKR #2, KMR 675
-42		MKR PWR DIVIDER THV 50
(A) -43		RADAR ALTIMETER AA-200
-44		ATC #1 TP-114
-45		ATC #2 TP-114
-46	.329 DIA. .322	VHF NAV #1 NR-106A
-47		VHF NAV #2 NR-106A
-48		GS/MKR #1 GS-100B
-49		GS/MKR #2 GS-100B
-50		VHF COMM #1 CT-107B
-51		VHF COMM #2 CT-107B
-52		ELECTC AMP (TALAR) RH
(A) -53		ELECTC AMP (TALAR) LH
(B) -54		RELAY BOX, VOR/MLS SWITCHING
(C) -55		OMEGA NAV SYS CMPTR
-56		NAV SWITCHING BOX ASSY
-57		IFF APX-77
-58		KIT-1A
(C) -59		TS 1843 () APX

DRAWN	STELZER	CLASSIFICATION	STANDARD
CHECKED	RCH	DRILL PATTERN LAY OUT - AVIONICS, COMPUTERIZED	DS 85
STRESSED	WMB		
APPROVED	SCHATTNER		

9 FEB 78

SHEET 3

155 A 155 B 155 C
23-2-78 5-4-78 18-4-78
STELZER STELZER STELZER
82 STD MLP
82 STD MLP



STANDARDS SHEET

CONT'D FROM SH. 1:

DS NO	SIZE HOLES	AVIONIC BLACK BOX ETC.
- 60	} .141 DIA	AFCS RELAY BOX
- 61		AUDIO RESISTOR BOX ASSY
(A) - 62	.322/.329 DIA	RAD. ALT. NO 2
(A) - 63	.322/.329 DIA	BRACKET-RELAY, A.F.C.S.
(B) - 64	.322/.329 DIA	DME #1, 860E-5
(B) - 65	.322/.329 DIA	DME #2, 860E-5

DRAWN	STELZER	CLASSIFICATION	STANDARD
CHECKED	<i>[Signature]</i>	DRILL PATTERN LAY OUT-	DS 85
STRESSED	A. Zolan	AVIONICS, COMPUTERIZED	
APPROVED	B. LAM		

29 OCT 79

SHEET 4

ISS. B
12-8-81
STELZER
ISS. A
15-6-81
STELZER