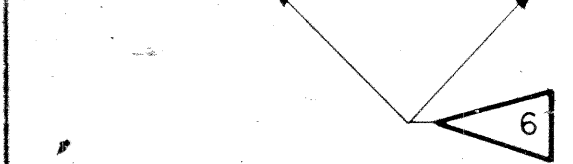


REF	WA	DATE	D MAN	APPD
32508-157		1-20-58	HUDOCK	
1 33750-54	SEE SHEET 1			
2 35826-1	SEE SHEET 1	9-2-59	SIEDSMA	
A1 36200-27	SEE SHEET 1	2-11-60	MAKOWSKI	
A2 34525-322	SEE SHEET 1	3-17-60	LALLI	
A3 42525-43	SEE SHEET 1	10-2-63	MILLAR	
A4	SEE SHEET 1 FOR ALL CHANGES			
A5				

ASSEMBLY NO.	MS NO.	DIMENSIONS											DETAILS		ACCESSORY
		A +.050 -.060	B THREAD (PLATED) CLASS 2A	C ±.031	D MIN FULL THD	E +.010 -.000	F +.020 -.010	G ±.030	H THREAD (PLATED) CLASS 2A	L ±.005	M	N DIA +.004 -.002	SHELL	ADAPTER	GROMMET RETAINING NUT
10-168008 -	3100 8S -	.422	.5000-28UNEF	.484	.391	.562	.672	1.391	.5000-28UNEF	.594	.875	.120	10-37260-8	10-37267-8	10-37269-8
10-168010 -	10S -		.6250-24NEF			.563		1.468	.5000-28UNEF	.719	1.000		-10	-10	-10
10-168011 -	10SL -		.6250-24NEF			.562			.6250-24NEF	.719	1.000		-11	-12	-12
10-168012 -	12S -		.7500-20UNEF			.450				.812	1.094		-12	-12	-12
10-168013 -	12 -	.672	.7500-20UNEF	.672	.625	.750	.860	1.843		.812	1.094		-13	-13	-13
10-168014 -	14S -	.422	.8750-20UNEF	.484	.450	.562	.672	1.468	.7500-20UNEF	.906	1.188		-14	-14	-14
10-168015 -	14 -	.672	.8750-20UNEF	.672	.625	.750	.860	1.843	.7500-20UNEF	.906	1.188		-15	-15	-15
10-168016 -	16S -	.422	1.0000-20UNEF	.484	.450	.562	.672	1.468	.8750-20UNEF	.969	1.281		-16	-16	-16
10-168017 -	16 -	.672	1.0000-20UNEF	.672	.625	.750	.860	1.843	.8750-20UNEF	.969	1.281		-17	-17	-17
10-168018 -	18 -	.641	1.1250-18NEF				.891	1.938	1.0000-20UNEF	1.063	1.375		-18	-18	-18
10-168020 -	20 -		1.2500-18NEF					1.844	1.1875-18NEF	1.156	1.500		-20	-20	-20
10-168022 -	22 -		1.3750-18NEF					1.938	1.1875-18NEF	1.250	1.625		-22	-22	-22
10-168024 -	24 -	.578	1.5000-18NEF			.813	.953	1.969	1.4375-18NEF	1.375	1.750	.147	-24	-24	-24
10-168028 -	28 -	.578	1.7500-18NS			.812	.953	2.188	1.4375-18NEF	1.562	2.000	.147	-28	-28	-28
10-168032 -	32 -	.500	2.0000-18NS			.875	1.032	2.157	1.7500-18NS	1.750	2.250	.173	-32	-32	-32
10-168036 -	36 -		2.2500-16UN				1.031	2.219	2.0000-18NS	1.938	2.500		-36	-36	-36
10-168040 -	40 -		2.5000-16UN				1.031	2.188	2.2500-16UN	2.188	2.750		-40	-40	-40



10-168008 THRU
10-168040

1. THE UNITS ILLUSTRATED MEET THE REQUIREMENTS OF MS3100A & MS3100C, PER SPEC MIL-C-5105D.
2. ADAPTER MUST BE REMOVED WHEN GROMMET RETAINING NUT IS USED.
3. DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER.
4. FOR CONTACT SIZE, SPACING & SERVICE RATING, SEE DRAWINGS MS33680 THRU MS33690.
5. INCREASE A DIMENSION BY .312 FOR SIZE "0" CONTACT ONLY.
6. TO COMPLETE ASSEMBLY NUMBER & MS NUMBER, ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE. (FOR ALTERNATE ARRANGEMENTS, REFER TO 9-2437). TO DETERMINE DESIRED INSERT ARRANGEMENT, SEE PARTS LISTS 10-168008 THRU 10-168040.
7. ALL 10- & 61- ASSEMBLIES TO BE ASSEMBLED TO 9-3103-1 AND TESTED TO 9-3106-5, INSERTS AND CONTACTS ARE REMOVABLE. ALL 62- ASSEMBLIES TO BE ASSEMBLED TO 9-3238-1 AND TESTED 9-3106-4, INSERTS AND CONTACTS ARE NOT REMOVABLE.
8. SEE DRAWINGS 10-168608 THRU 10-168640 & 10-168808 THRU 10-168840 FOR REQUIRED MATING PLUG ASSEMBLIES.
9. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
10. FOR PART NUMBERS 10-168017-13, 10-168018-15, 61- & 62-, SEE INDIVIDUAL DRAWINGS 10-168017-13, 10-168018-15, 61-00000 & 62-00000.

NOTES: REF SYMBOL ◁

MATERIAL SPEC		PROCESS SPEC TEST 9-3106-5 9-3106-4 ASSY 9-3103-1 9-3238-1 SEE NOTE 7 9-2811 9-2437 9-3895		SCINTILLA MAGNETO DIVISION BENDIX AVIATION CORPORATION SIDNEY N.Y. U.S.A.				TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMALS ±.010			
PLAT TREAT SPEC		NAME CONNECTOR, ELECTRICAL RECEPTACLE, TYPE C () FW		D'MAN				NEXT ASSEMBLY			
TOOL MAKE		COAT REC 2-569-1		D'MAN				SUPERSEDES			
		4-25-57		CHECKER				SUPERSEDED BY			
		5-9-57		MATERIAL				10-168008 THRU 10-168040			
				STDS				AND IS NOT INTERCHANGEABLE			
				CH D'MAN				SCALE			
				APPROVED				NONE			
				SCALE				DWG SIZE C			
								TAB.			
								SHEET 2 OF 2			
								CODE 77820			

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[208-1902](#) [61-168211-04P](#) [61-168617-10P](#) [6131-202-19149P](#) [6131-204-21149P](#) [6131-208-13149P](#) [6131-209-17149P](#) [6131-210-11149P](#) [6131-](#)
[211-19149P](#) [6131-216-19149P](#) [6131-259-21149P](#) [6131-259-23149P](#) [6131-265-17149P](#) [6131-265-19149P](#) [CS3100A18-1P-472](#) [CS3100A-36-](#)
[77P](#) [CS3101A-16-55P](#) [CS3102A-10SL-55P](#) [CS3102A-14S-58P](#) [CS3102A-32-17P](#) [CS3102A32-25S](#) [CS3102C18-4P-472](#)
[CS3106A10SL3S004](#) [CS3106A-18-73S](#) [CS3108A-14S-52S](#) [CS3108A-28-51S](#) [6162-233-1277](#) [6162-324-1231](#) [M243082296Z](#)
[M2884010AC1S1](#) [CT0-24-10SC](#) [CT0M20-7PCAU](#) [M28840/17AC1G3](#)