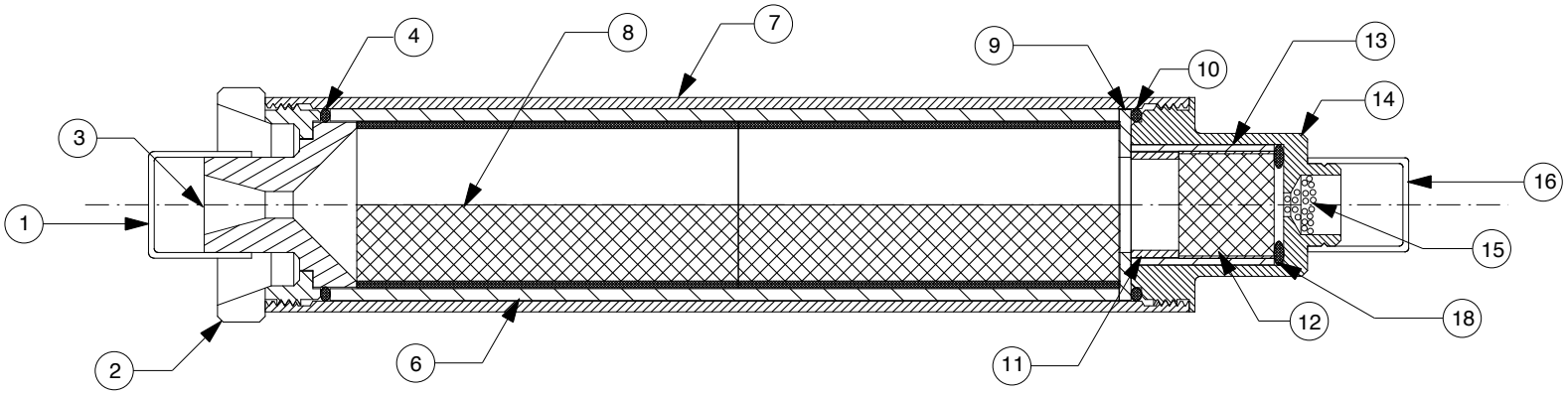
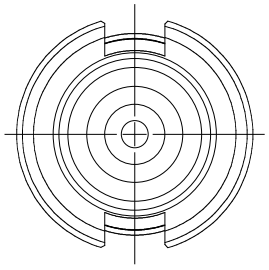
NOTES:

1. MOTOR ASSEMBLY SHOWN WITH SPECIFIED MOTOR HARDWARE & RELOAD KIT.

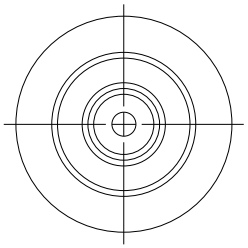
REVISIONS

EFFECTIVITY	REV	DESCRIPTION	DATE	APPROVED
FUTURE	A	FIRST RELEASE ISSUE	11 / 11 / 99	
FUTURE	B	CHANGED PROPELLANT, DIFFERENT DELAY & SPACER, CHANGED THROAT DIAMETER	5 / 22 / 07	
FUTURE	C	CHANGED RELOAD DESIGNATION FROM G33-7J TO G53-7FJ	10 / 8 / 07	





VIEW AFT CLOSURE



VIEW FORWARD CLOSURE

QTY	PART NUMBER	DESCRIPTION	ITEM
1	00111	DELAY O-RING (5/8" O.D. X 3/32") 111	18
NA		GRAIN SPACER	17
1	04716	EJECTION CHARGE CAP (7/16" I.D.)	16
1	03700	EJECTION CHARGE (.7 GRAMS)	15
1	91292	FORWARD CLOSURE	14
1	03072	DELAY INSULATOR (.629" O.D. X .75")	13
1	03209	DELAY GRAIN (.562" O.D. X .500")	12
1	03056	DELAY SPACER (.553" O.D. X .250") SILVER	11
1	00020	FORWARD O-RING (1" O.D. X 1/16") 020	10
1	05402	FORWARD INSULATOR (1" O.D.X.5"I.D.X1/16")	9
2	03527	PROPELLANT GRAINS (.872" O.D. X 2.000")	8
1	910813A	CASE	7
1	02020	LINER (1.005" O.D. X 4.14")	6
NA		AFT INSULATOR	5
1	00020	AFT O-RING (1" O.D. X 1/16") 020	4
1	01350	.865" O.D. NOZZLE .141" THROAT UNDRILLED	3
1	910811C	AFT CLOSURE	2
1	04120	NOZZLE CAP (1/2" I.D.)	1

LIST OF MATERIAL

SUPPLIER DATA	RELOAD KIT IDENTIFICATION	
AEROTECH DIV., RCS RMC INC.	73307	G53-7FJ
	PART NUMBER	DESCRIPTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

.XX +/- .010	.XXX +/- .005	ANGLES +/- 2 deg.

MATERIAL

NOTED

FINISH

CONTRACT NUMBER

ROCKET MOTOR COMPONENTS, INC.
2113 W. 850 N. Street
Cedar City, Utah 84720
(435) 865-7100 (Ph)
(435) 865-7120 (Fax)

PREP	G. ROSENFIELD	5 / 07
CHKR		
APVD		
APVD		

RMS-29/40-120 MOTOR WITH 2-GRAIN G53-7FJ RELOAD KIT

SIZE A | NUMBER **ASSY DWG**

SCALE 1 / 1 | SHEET 1 OF 1