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REV. B
SAE ARP365

FEDERAL SUPPLY CLASS

RATIONALE

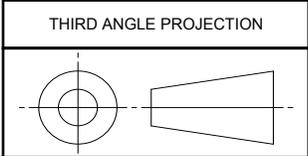
THIS NONCURRENT STANDARD HAS BEEN STABILIZED.

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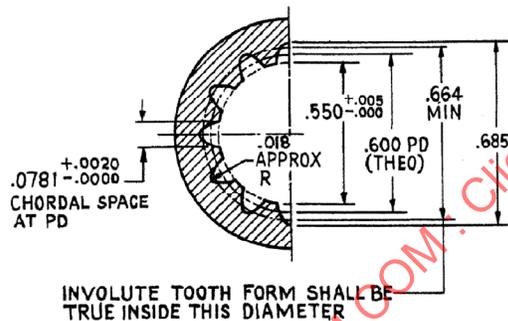
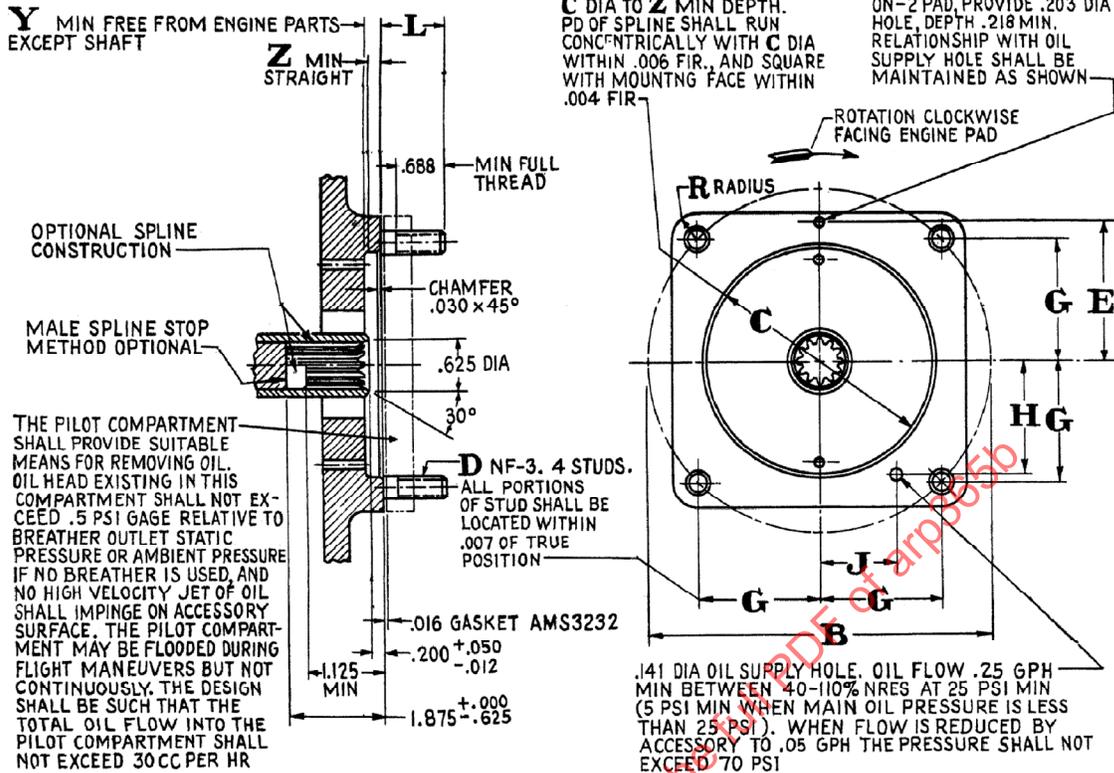


CUSTODIAN: E-25

ISSUED 1948-08 NONCURRENT 1973-08 REAFFIRMED NONCURRENT 2006-05 STABILIZED 2013-02

	AEROSPACE RECOMMENDED PRACTICE		SAE ARP365	REV. B
	DRIVES - SQUARE FLANGE .600 PD SPLINE ACCESSORY			

ENGINE DRIVE



SPLINE DATA

12 TOOTH - 20/40 PITCH 30° PRESSURE ANGLE
SURFACE HARDNESS ROCKWELL C58 MIN.
MIN DEPTH OF EFFECTIVE CASE .010

DRIVE DATA

STRENGTH: TO BE CAPABLE OF DRIVING CONTINUOUS TORQUE (**T_c**) LOAD AT ANY ENGINE SPEED. THE DRIVE SHALL WITHSTAND, WITHOUT FAILURE OR PERMANENT DEFORMATION, THE STATIC TORQUE (**T_s**) REQUIRED TO SHEAR THE ACCESSORY SHEAR SECTION

T_b OPERATION APPLIES FOR 3 SECONDS DURATION AT 3 MINUTE INTERVALS AND 15 SECONDS AT 1 HOUR INTERVALS UP TO AND INCLUDING 80% OF NRES ON RECIPROCATING AND 90% OF NRES ON TURBO ENGINES

MAX QVERHUNG MOMENT-**OM**

DASH NOS.	B REF	C ±.002 -.000	D ±.005 BASIC	E ±.005	G BASIC	H ±.005	J ±.005	L ±.020	R MIN	T _c POUND	T _o INCHES	T _s	OM INCH POUNDS	Y MIN	Z MIN
1D	2.652	1.500	.250-28	—	.938	.844	.562	.875	.281	100	150	800	25	.125	.125
2D	5.000	3.252	.3125-24	1.875	1.768	1.656	1.109	.906	.344	250	375	1650	125	.250	.209

NOTE - PAD OUTLINE IS A MINIMUM AREA REQUIREMENT. PAD MAY BE ROTATED IN ANY DESIRED POSITION

SPEED: DRIVE SHAFT SPEED AT NORMAL RATED ENGINE SPEED SHALL BE 3250 TO 3750 RPM. MAXIMUM OVERSPEED SHALL NOT EXCEED 130 PERCENT OF MAX NORMAL RATED SPEED

UNLESS OTHERWISE SPECIFIED

ALLOWABLE TOLERANCE ON:

LINEAR DIMENSIONS ±.010
ANGULAR DIMENSIONS ± 2°