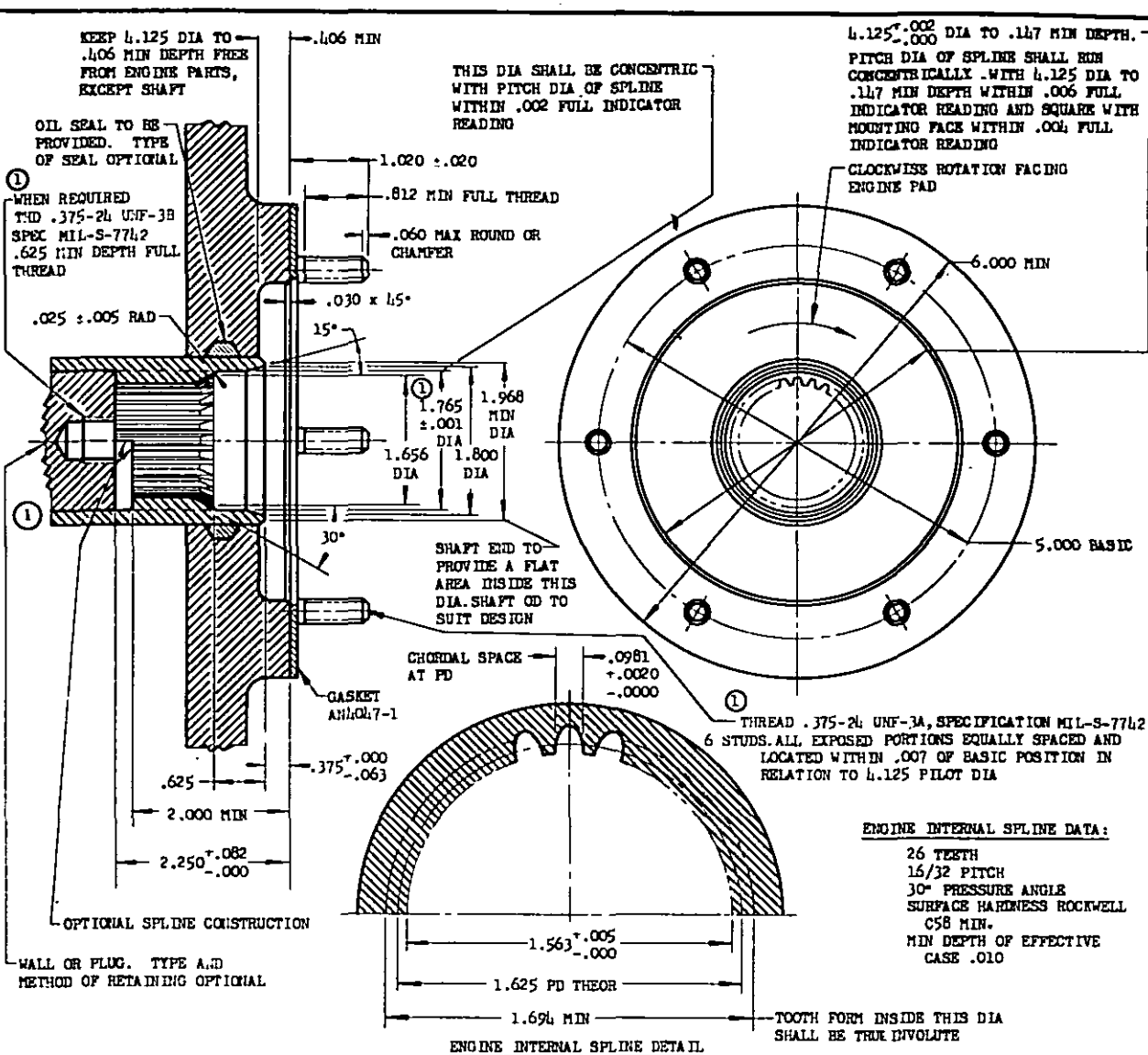


APPROVED IS AS REVISED 16 MAR 53

NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded as an endorsement, or as in any manner endorsing the value or any other part or parts of, or carrying any rights or privileges in, or as in any way being related thereto.

NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy standard for this product. This drawing represents an intermediate standard drawing for the same product and shall become effective for the procurement of aeronautical supplies, or for use in new design, not later than 6 months after the latest date of approval above.



SPEED, STRENGTH, ACCESSORY DATA AND USE								
TYPE	TORQUE LB - IN.			*S* SPEED RPM	ACCESSORY WT LB MAX	OVERHUNG MOMENT LB - IN MAX	ACCESSORY CLEARANCE AND NOMINAL USE	TYPE OF ENGINE
	T _c	T _o	T _a					
XVII-A	4200	6300	18500	7500 - 8250	65	400	AND 10305 FOR GENERATOR	RECIPROCATING
XVII-B	4200	6300	18500	(a) 6000	75	625	(b) FOR POWER TAKEOFF	TURBO - JET AND TURBO - PROP

(a) 400 - 000 RPM WHEN THE ENGINE IS OPERATING AT 75% NORMAL SEA LEVEL STATIC OUTPUT.

SPLINE ADAPTER IN ACCORDANCE WITH AN1482-1 SHALL BE FURNISHED FOR CONVERTING TO A TYPE XII DRIVE WHEN SPECIFIED IN THE ENGINE MODEL SPECIFICATION.

THE OIL LEAKAGE OUT OF THIS DRIVE SHALL NOT EXCEED 2 CC PER HOUR. PROVISION FOR SPLINE LUBRICATION SHALL BE PROVIDED. IF THE FORM IS FLUID, ACCESSIBLE PROVISION SHALL BE MADE TO PREVENT FLOW IN THE EVENT FLOW IS NOT DESIRED.

① SPEED: *S* DRIVE SHAFT SPEED SHALL BE AT NORMAL RATED ENGINE SPEED UNLESS OTHERWISE NOTED.

PAD OUTLINE AS DIMENSIONED IS A BASIC MINIMUM AREA REQUIREMENT.

STRENGTH: TO BE CAPABLE OF DRIVING CONTINUOUS TORQUE LOAD (T_c) AT ANY ENGINE SPEED. THE DRIVE SHALL WITHSTAND THE STATIC TORQUE (T_o) WITHOUT FAILURE OR PERMANENT DEFORMATION. IN ADDITION, THE DRIVES SHALL BE ADEQUATE FOR FIVE (5) MINUTE PERIODS OF TORQUE OVERLOAD (T_a) OPERATION, WHICH OVERLOAD PERIODS SHALL BE CONSIDERED AS RECURRING AT FOUR (4) HOUR INTERVALS.

REMOVE ALL BURRS AND SHARP EDGES.

① DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.010, ANGLES ±2°.

① THIS DRAWING AND APPLICABLE ENGINE SPECIFICATIONS, TOGETHER, COMPLETELY DEFINE THE DESIGN REQUIREMENTS.

① (b) ACCESSORY CLEARANCE SHALL BE PROVIDED IN ACCORDANCE WITH MANUFACTURERS MODEL SPECIFICATION.

AIR FORCE-NAVY AERONAUTICAL DESIGN STANDARD

DRIVE - TYPE XVII ENGINE ACCESSORY

AND20007

SHEET 1 OF 2

NOT A PART NUMBER

APPROVED 28 JUN 60 REVISED 1 MAR 53