



RECIPROCATING  
ENGINE AIRCRAFT



JET AIRCRAFT  
INCORPORATING A THRUST TYPE INDICATOR

JET AIRCRAFT  
WITHOUT THRUST TYPE INDICATOR



FREE SHAFT ENGINES

FIXED SHAFT ENGINES

TURBO-PROP ENGINE INSTRUMENTS  
FIXED WING AIRCRAFT

(A) ENTIRE STANDARD REVISED.  
THIS DISPLAY IS FOR PILOT STATIONS.

DISPLAYS SHALL BE INSTALLED SIDE BY SIDE IN ACCORDANCE WITH ABOVE DRAWING.  
\* INTERNATIONAL INTEREST: CERTAIN PROVISIONS (LOCATION AND ARRANGEMENT OF ENGINE INSTRUMENTS) OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT, ASC AIR STD 10/25D. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED, THE DEPARTMENTAL CUSTODIANS WILL INFORM THEIR RESPECTIVE DEPARTMENTAL STANDARDIZATION OFFICE SO THAT APPROPRIATE ACTION MAY BE TAKEN RESPECTING THE INTERNATIONAL STANDARDIZATION CONCERNED.

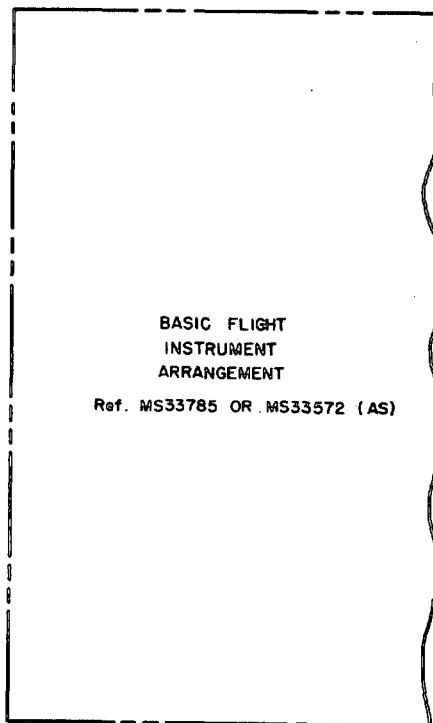
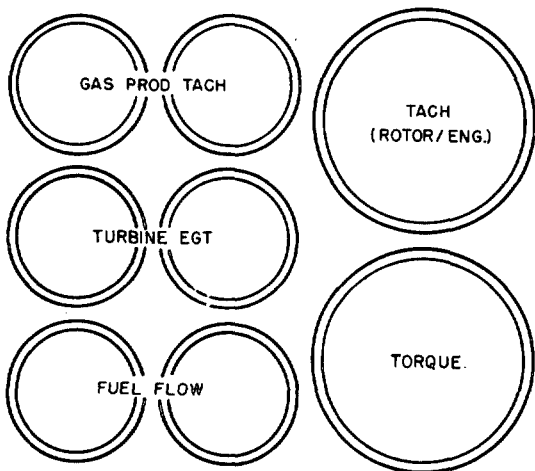
THIS IS A DESIGN STANDARD. NOT TO BE USE AS A PART NUMBER.

Review activities:  
ARMY-AV  
NAVY-AS

This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

11 Dec 57 REVISED (A) 18 Dec 70 APPROVED

P.A. USAF -11 Other Cust ARMY -AV NAVY -AS	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD <b>MS33634</b>
	SEE NOTE *	INSTRUMENT ARRANGEMENT, ENGINE, STANDARD, BASIC FOR FIXED AND ROTARY WING AIRCRAFT	
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 1 OF 2	



ROTARY WING AIRCRAFT

THE TORQUE AND TACH (ROTOR/ENG.) MAY BE REVERSED WHERE AIRCRAFT PARAMETERS SO DICTATE, IE, MANUAL DERATING OF THE POWER PLANT, LOW ACCELERATION POWER PLANT CHARACTERISTICS, BASIC FLIGHT INSTRUMENT LOCATION WHICH WOULD PROVIDE OPTIMUM VISUAL SCAN OF THESE ENGINE INSTRUMENTS AND OVERALL INSTRUMENT PANEL CONFIGURATION.

DISPLAYS SHALL BE INSTALLED SIDE BY SIDE IN ACCORDANCE WITH ABOVE DRAWING.

Rotary activities:  
ARMY - AV  
NAVY - AS

This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

APPROVED 11 Dec 57 REVISED (A) FOR CHANGES SEE SHEETS 1 AND 2

P. A. USAF-11 Other Code ARMY- AV NAVY- AS	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
	SEE NOTE **	INSTRUMENT ARRANGEMENT, ENGINE, STANDARD, BASIC FOR FIXED AND ROTARY WING AIRCRAFT	MS33634
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:		SHEET 2 OF