



ELECTRICAL CHARACTERISTICS						
PRI AMP	PRI PWR FACTOR MIN %	EFFICIENCY MIN %	MAX SEC VOLTS RMS	SECONDARY AMPS		LOAD
				(A)	(B)	
20	95	90		6.53-6.67	7.2 OHMS	(a)
20.				6.6 -7.1	SHORT CIRCUITED	
20			135	0	OPEN CIRCUITED	
15.8				5.1 -5.4	5.9 OHMS	(a)
12.4				4.0 -4.3	4.8 OHMS	(a)
10.3				3.3 -3.6	4.2 OHMS	(a)
8.5				2.7 -3.0	3.8 OHMS	(a)

(a) THE LOAD MAY BE EITHER A 300W, 6.6A LAMP OR THE OHMIC RESISTANCE SPECIFIED.

- A PLUG FIGURE 6a FAA SPECIFICATION L-823.
- B RECEPTACLE FIGURE 6b FAA SPECIFICATION L-823.
- C RECEPTACLE FIGURE 1c FAA SPECIFICATION L-823.
- D PRIMARY CABLE.
- E SECONDARY CABLE.
- F CASE.
- G IDENTIFICATION MARKING (LOCATION OPTIONAL).

PART NO.	LEAD LENGTH INCHES	
	D	E
MS27153-1	30 ±3	54 ±3

IN COMPUTING EFFICIENCY, CORRECTION SHALL BE MADE FOR LEAD LOSSES.  
 MAXIMUM WEIGHT 20 POUNDS.  
 DIMENSIONS IN INCHES.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

P.A. USAF - 11 Other Cust Navy - WP	TITLE TRANSFORMER, POWER, ISOLATION; AIRPORT LIGHTING, 300W/20A/6.6A/5000V	MILITARY STANDARD
		MS27153(ASG)
PROCUREMENT SPECIFICATION MIL-T-27535	SUPERSEDES:	SHEET 1 OF 1

Review activities  
 USAP - 85,11  
 Navy - WP  
 This standard is approved by the JCS (Department of the Air Force) and the Department of the Navy and is mandatory for use by all military activities. All other military activities are required to employ this standard where suitable.

APPROVED 15 May 64  
 REVISED 18 Aug 65