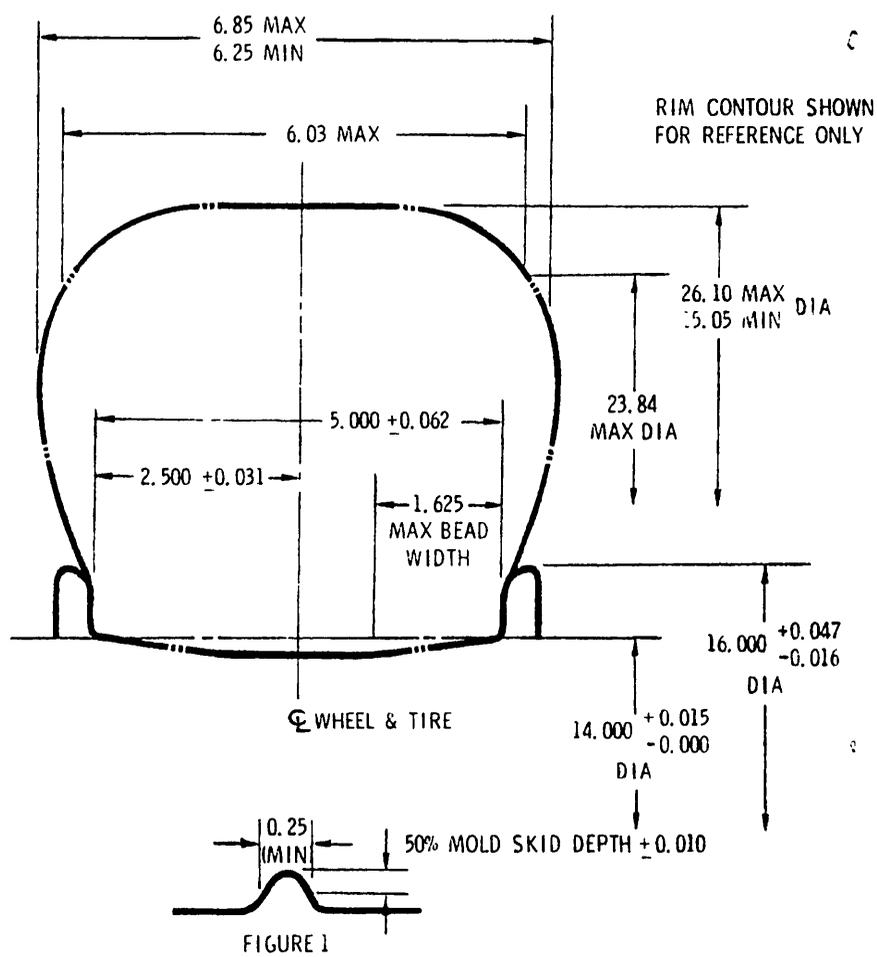


FED. SUP CLASS  
2620



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APPROVED 10 JUN 1977  
REVISED

P.A. 9 Other Cust NAVY - AS	TITLE TIRE REBUILT 26 x 6.6/14PR	MILITARY STANDARD <b>MS 22078</b>
PROCUREMENT SPECIFICATION MIL-R-7726	SUPERSEDES USAF DWG 65030044	SHEET 1 OF 2

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2620

GENERAL NOTES

1. ANY DEVIATION FROM GIVEN DIMENSIONS MUST BE AUTHORIZED BY WRITTEN APPROVAL OF THE PROCURING AGENCY.
2. REFERENCE TO ANY SPECIFICATION HEREIN SHOULD BE CONSTRUED AS REFERENCE TO THE ISSUE IN EFFECT ON THE DATE OF INVITATION FOR BID.
3. WHERE CONFLICT EXISTS BETWEEN THIS STANDARD AND ANY OTHER MILITARY SPECIFICATION, THE REQUIREMENTS OF THIS STANDARD SHALL APPLY.
4. QUALITY ASSURANCE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF MIL-R-7726.

RETREAD NOTES

1. THE REBUILT TIRE SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF MIL-R-7726 AND SHALL COMPLY WITH THE REQUIREMENTS LISTED BELOW:

SIZE	PLY RATING	INFLATION PRESSURE PSI	BEAD WIDTH MAX (IN)*	WEIGHT POUNDS MA	STATIC UNBALANCE IN OZ (MAX)	MOLD SKID DEPTH IN (MIN)	TREAD
26x6.6	14	225	1.60*	39.0 34.5**	8	0.30	RIB (See Note 3 Below)

\*DOES NOT INCLUDE A BEAD TOE FLASH OF 1/4 INCH MAX. \*\*TUBE TYPE TIRE.

2. THE TIRE SHALL SATISFACTORILY WITHSTAND 100 CYCLES OF TEST "A" AND 100 CYCLES OF TEST "B" WITHOUT EVIDENCE OF FAILURE.

"A" THE TIRE SHALL BE LOADED AGAINST A STATIONARY FLYWHEEL AT 10,000 POUNDS. THE FLYWHEEL SHALL THEN BE ACCELERATED TO 40 MPH AND TAXIED AT THIS SPEED UNTIL A TOTAL DISTANCE OF 10,000 FEET HAS BEEN COVERED. THE FLYWHEEL SHALL THEN BE DECELERATED TO "0" MPH AND IMMEDIATELY ACCELERATED AT 5.0 FEET/SEC/SEC AVERAGE (SIMULATED TAKE-OFF) TO 200 MPH. DURING THE ACCELERATION, THE LOAD SHALL BE MAINTAINED AT 10,000 POUNDS FOR THE FIRST 15 SECONDS AND THEN DECREASED LINEARLY WITH TIME TO 4,400 POUNDS AFTER 45 SECONDS OF ROLL. THE LOAD SHALL BE FURTHER REDUCED TO ZERO POUNDS DURING THE LAST 14 SECONDS OF ROLL. THE TOTAL ROLL DISTANCE FOR THE SIMULATED TAKE-OFF IS 8,700 ± 200 FEET AND AVERAGE ROLL TIME IS APPROXIMATELY 59 SECONDS.

"B" LANDING TAXI. THE TIRE SHALL BE LANDED AGAINST A FLYWHEEL ROTATING AT A PERIPHERAL SPEED OF 160 MPH AND THE FLYWHEEL IMMEDIATELY DECELERATED AT AN AVERAGE RATE OF 7 FT/SEC/SEC FROM 160 MPH TO 40 MPH. THE LOAD SHALL BE LINEARLY INCREASED TO 3,500 POUNDS APPROXIMATELY 6 SECONDS AFTER LANDING, THEN INCREASED LINEARLY TO 6,000 POUNDS APPROXIMATELY 12 SECONDS AFTER LANDING. THE LOAD SHALL THEN BE INCREASED LINEARLY TO 8,000 POUNDS AFTER APPROXIMATELY 25 SECONDS OF ROLL. THE LANDING ROLL SHALL COVER A DISTANCE OF 3,700 ± 200 FEET. MAINTAINING THE FLYWHEEL AT A SPEED OF 40 MPH THE TIRE SHALL BE TAXIED FOR A DISTANCE OF 13,500 ± 200 FEET.

3. THE TREAD PATTERN SHALL HAVE A MINIMUM OF 3 AND A MAXIMUM OF 5 GROOVES. THESE GROOVES SHALL BE CONTINUOUS, CIRCUMFERENTIAL AND HAVE UNINTERRUPTED MINIMUM MOLD SKID DEPTH AS SPECIFIED IN TIRE NOTE 1. ALL GROOVES SHALL COME IN CONTACT WITH THE GROUND AT 60% OF THE RATED STATIC LOAD AT RATED PRESSURE. THE MOLD GROOVE WIDTH SHALL BE A MINIMUM OF 0.25 INCHES, MEASURED AS SHOWN IN FIGURE 1, AND INDICATED IN THE QTR.

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APPROVED 10 JUNE 1977 REVISED

P.A. 39	TITLE	MILITARY STANDARD
Other Cust NAVY - AS	TIRE REBUILT 26 x 6.6/14 PR	MS 22078
Procurement Specification MIL-R-7772	SUPERSEDES USAF DWG 65D30044	SHEET 2 OF 2

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