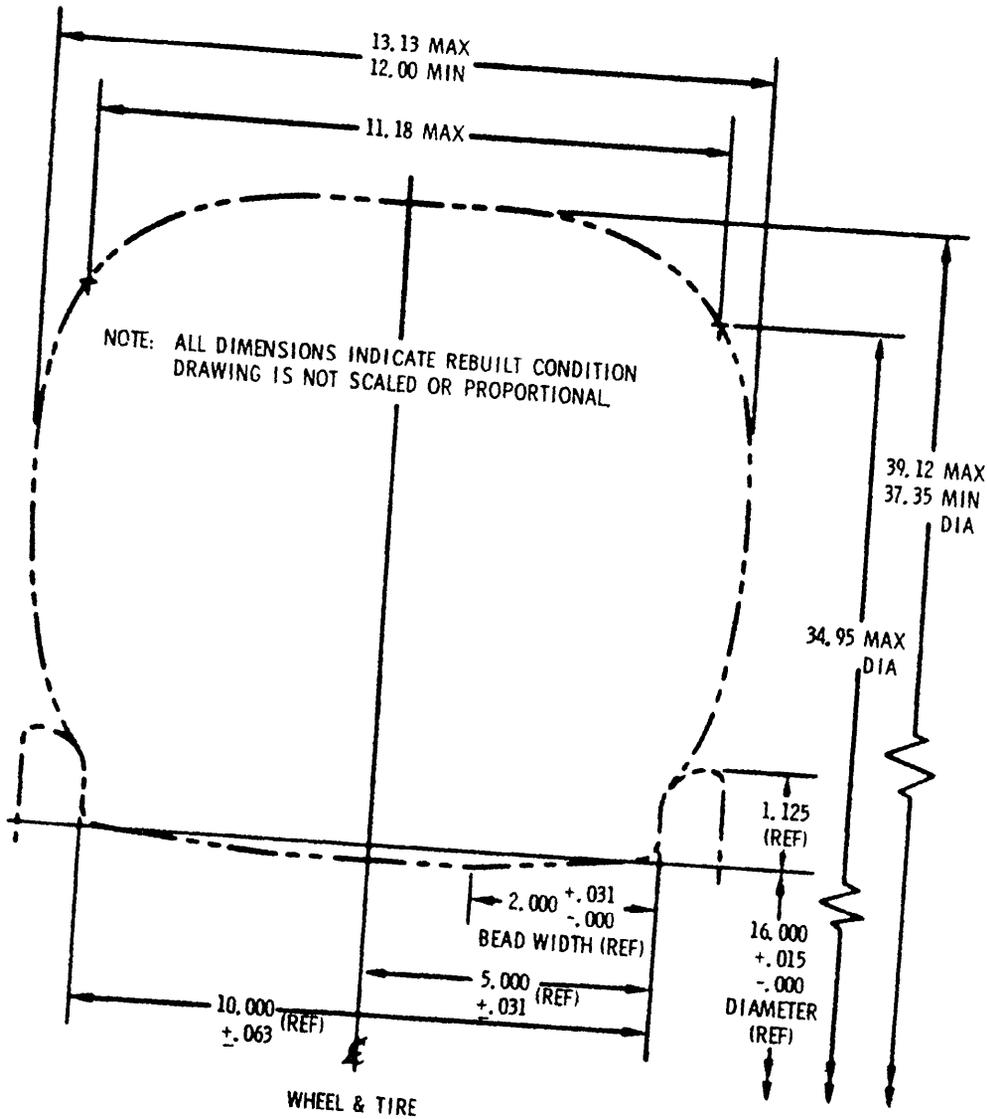


FED. SUPP CLASS  
2620

NOTE: ALL DIMENSIONS ARE IN INCHES



NOTE: ALL DIMENSIONS INDICATE REBUILT CONDITION  
DRAWING IS NOT SCALED OR PROPORTIONAL

FIGURE 1

APPROVED 10 JUN 77 REVISED

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P.A. 99 Other Code	TITLE TIRE-PNEUMATIC REBUILT, TYPE III	MILITARY STANDARD
AS	12,50-16/12 PR	MS 22080
PROCUREMENT SPECIFICATION MIL-R-7726	SUPERSEDES:	SHEET 1 OF 3
DD FORM 672-1 (Limited coordination)		EDITION OF 1 SEP 70 MAY BE USED

FED SIP CLASS  
2620GENERAL NOTES

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

REBUILD TIRE NOTES

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 (RATED)	WEIGHT LBS (MAX)	STATIC UNBALANCE IN OZ (MAX)	MOLD TREAD	SKID DEPTH (MIN)	STATIC LOAD IN LBS	
TUBE	12.50-16	12	75	93	17	RIB	0.45	12,800
TUBE- LESS	12.50-16	12	75	102	17	RIB	0.45	12,800

1. THE TIRE SHALL SUCCESSFULLY COMPLETE 100 DYNAMOMETER CYCLES EACH OF THE "TAXI-TAKE OFF" AND "LANDING TAXI" TEST AS SPECIFIED BELOW:

TAXI TAKE-OFF

THE TIRE SHALL BE LOADED TO 12,800 POUNDS AGAINST A STATIONARY FLYWHEEL. THE FLYWHEEL SHALL THEN BE ACCELERATED TO 30 MPH AND THE TIRE SHALL BE ROLLED FOR 10,000 FEET. STOP THE FLYWHEEL KEEPING THE TIRE FULLY LOADED. THE FLYWHEEL SHALL THEN BE ACCELERATED AT AN AVERAGE RATE OF 4.11FT/SEC<sup>2</sup> TO 150 MPH. THE LOAD SHALL REMAIN CONSTANT FOR THE FIRST 10 SECONDS AND THEN DECREASED LINEARLY WITH TIME TO A LOAD OF 9,400 POUNDS IN 50 SECONDS. IN 3.5 MORE SECONDS, THE LOAD SHALL BE REDUCED TO ZERO. THE TIRE SHALL BE UNLOADED AFTER A ROLL OF

APPROVED 10 JUN 77 REVISED

P.A. <b>99</b> Other Code <b>AS</b>	TITLE <b>TIRE-PNEUMATIC REBUILT, TYPE III 12.50-16/12PR</b>	<b>MILITARY STANDARD</b> <b>MS 22080</b>
PROCUREMENT SPECIFICATION <b>MIL-R-7726</b>	SUPERSEDES	SHEET <b>2</b> OF <b>3</b>

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2620

5,885 FEET HAS BEEN COVERED.

LANDING TAXI

THE TIRE SHALL BE LANDED AGAINST A FLYWHEEL ROTATING AT 150 MPH. THE FLYWHEEL SHALL HAVE AN AVERAGE DECELERATION OF  $4.27 \text{ FT/SEC}^2$  FROM 150 MPH TO 23 MPH. THE LOAD SHALL INCREASE LINEARLY FROM ZERO AT INSTANT OF LANDING TO 5,000 POUNDS IN 4 SECONDS AND THEN LINEARLY TO 9,000 POUNDS IN 11 MORE SECONDS. THE LOAD SHALL BE FURTHER INCREASED LINEARLY TO 12,000 POUNDS IN A TOTAL ELAPSED TIME FROM LANDING OF 53.5 SECONDS. THE FLYWHEEL SHALL THEN BE ACCELERATED TO 30 MPH AND THE TIRE TAXIED FOR 10,000 FEET WITH 12,000 POUND LOAD.

2. THE REBUILT TIRE MAY BE CONSTRUCTED WITH A FABRIC REINFORCED TREAD FEATURE TO OBTAIN MAXIMUM RELIABILITY AND RETENTION OF THE TREAD TO THE CARCASS.

APPROVED 10 JUNE 1977 WISED

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P.A. 09 Other Cost	TITLE TIRE-PNEUMATIC REBUILT, TYPE III 12.50-16/12 PR	MILITARY STANDARD
AS		MS 22080
PROUREMENT SPECIFICATION MIL-R-7726	SUPERSEDES	SHEET 3 OF 3

DD FORM 1 SEP 63 672-1 (Limited coordination)

EDITION OF 1 SEP 67 MAY BE USED

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