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This standard has been approved by the Naval Air Systems Command Department of the Navy and is mandatory for use by that activity. All other military activities are required to employ this standard where applicable.

FED. SUP CLASS 2620														
THE TIRE SHALL BE IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF SPECIFICATION MIL-T-5041 EXCEPT AS SPECIFIED HEREIN														
SIZE	PLY RATING	STATIC LOAD RATING LBS.	INFL. PRESS. PSI RATED	BURST PRESS. PSI MIN.	BEAD WIDTH IN. MAX.	WEIGHT LBS. MAX.	STATIC UNBAL OZ-IN MAX.	TREAD	MOLD SKID DEPTH MIN.	DEFLC +2% -4%				
26x6.6	12 TL	8,000	180	1/720	1.6	31.6	17	2/Rib	.21	32%				
1/New tire 2/At least three, but not more than seven continuous circumferential ribs														
TIRE						RIM								
INFLATED DIMENSIONS						1. Width between Flanges 2. Ledge Diameter 3. Flange Height 4. Min Ledge Width 5. Min Flange Width 6. Flange Radius 7. Heel Radius 8. Flange Edge Radius								
WIDTHS		DIAMETERS												
CROSS SECTION		SHOULDER	CENTER LINE		SHOULDER	LOADED RADIUS								
MIN.	MAX.	MAX.	MIN.	MAX.	MAX.		1	2	3	4	5	6	7	8
6.25	6.65	5.85	25.05	25.75	23.55	11.2	5.0	14.0	1.0	1.6	.688	.5	.25	.125
THE TIRE COVERED BY THIS DRAWING SHALL BE SUITABLE FOR USE AND PROVIDE REASONABLE SERVICE LIFE DURING ALL NORMAL OPERATIONS AT TAKE-OFF SPEEDS OF NOT MORE THAN 200 MPH AND LANDING SPEEDS OF NOT MORE THAN 185 MPH.														
THE TIRE SHALL WITHSTAND WITHOUT FAILURE THE FOLLOWING TESTS:														
(1) DYNAMIC TEST - THE TIRE SHALL SATISFACTORILY WITHSTAND 50 CYCLES OF TEST "A" FOLLOWED BY 100 CYCLES OF TEST "B" WITHOUT EVIDENCE OF FAILURE.														
TEST A - THE TIRE SHALL BE LANDED AGAINST A FLY WHEEL ROTATING AT A PERIPHERAL SPEED OF 200 MPH (174 KNOTS). THE FLY WHEEL SPEED SHALL THEN BE DECREASED UNTIL A ROLL DISTANCE OF 9000 FEET HAS BEEN COVERED, AT WHICH TIME THE TIRE SHALL BE UNLANDED. THE AVERAGE DECELERATION RATE SHALL BE 4.5 FT/SEC/SEC BETWEEN 200 AND 100 MPH, AND IS UNSPECIFIED BELOW 100 MPH. THE TIRE LOAD SHALL BE INCREASED TO 1000 LBS IN 2 TO 4 SECONDS AFTER LANDING. THE LOAD SHALL THEN BE MAINTAINED AT 8000 LBS UNTIL THE TIRE IS UNLANDED. THE TIRE DEFLECTION AT RATED LOAD ON FLY WHEEL SHALL BE THE SAME AS OBTAINED WITH THE RATED LOAD AND INFLATION PRESSURE ON A FLAT PLATE.														
TEST B - THE TEST CYCLE SHALL BE IDENTICAL TO THE LOW SPEED (90 TO 0 MPH) DYNAMIC TEST DESCRIBED IN SPECIFICATION MIL-T-5041. THE TIRE DEFLECTION AT RATED LOAD ON THE FLY WHEEL SHALL BE THE SAME AS OBTAINED WITH THE RATED LOAD AND INFLATION PRESSURE ON A FLAT PLATE.														
(2) BURST TEST - FOLLOWING THE ABOVE DYNAMIC TESTS THE SAME TIRE SHALL BE SUBJECTED TO A HYDROSTATIC BURST TEST. THE PRESSURE SHALL BE INCREASED UNTIL THE TIRE FAILS AND THE FAILING PRESSURE REPORTED IN THE QUALIFICATION TEST REPORT.														
MARKING - IN ADDITION TO THE MARKING REQUIRED BY SPECIFICATION MIL-T-5041 THE DRAWING NUMBER MS 26564 SHALL BE ENGRAVED OR EMBOSSED ON ONE SIDEWALL IN THE VICINITY OF THE SIZE AND PLY RATING MARKINGS.														
AIR RETENTION - THE TUBELESS TIRE SHALL BE INFLATED TO A PRESSURE OF 288 PSI AND ALLOWED TO STAND FOR A PERIOD OF 24 HOURS AT WHICH TIME THE PRESSURE DROP DUE TO GROWTH SHALL BE REPLACED. THE TIRE SHALL THEN STAND FOR AN ADDITIONAL 24 HOURS AT WHICH TIME THE PRESSURE SHALL BE MEASURED AND THE TIRE INSPECTED. THE AIR PRESSURE LOSS SHALL NOT EXCEED 5 PER CENT AND THE TIRE SHALL NOT REVEAL ANY APPEARANCE AND PERFORMANCE DEFECTS SUCH AS SIDEWALL BLISTERS, TREAD SEPARATION, ETC.														
QUALIFICATION TEST REPORT - THE QUALIFICATION TEST REPORT SHALL LIST THE RESULTS OF ALL QUALIFICATION TESTS AND THE CONSTRUCTION DETAILS OF THE QUALIFICATION TEST SAMPLE IN THE GENERAL FORM SHOWN IN FIGURE 6 OF SPECIFICATION MIL-T-5041 WITH DIMENSIONS LISTED AT RATED INFLATION. IN ADDITION, IT SHALL ALSO LIST THE ACTUAL TIRE DIMENSIONS WHEN THE TIRE IS INFLATED TO 288 PSI. THE REPORT SHALL INDICATE THE MANUFACTURER'S TEST NUMBER FOLLOWED BY THE LETTERS (AS). SUBMIT TWO (2) COPIES OF THE QUALIFICATION TEST REPORT, TOGETHER WITH THE DATA AND MATERIAL SPECIFIED ABOVE, TO COMMANDER, NAVAL AIR SYSTEMS COMMAND, DEPARTMENT OF THE NAVY, WASHINGTON, D.C. 20360, ATTENTION: AIR-530321A.														
NOTES - THIS DOCUMENT HAS BEEN PROMULGATED BY THE DEPARTMENT OF DEFENSE AS THE MILITARY STANDARD TO LIMIT THE SELECTION OF THE ITEM, PRODUCT, OR DESIGN COVERED HEREIN IN ENGINEERING, DESIGN AND PROCUREMENT. THIS STANDARD SHALL BECOME EFFECTIVE NOT LATER THAN 90 DAYS AFTER THE LATEST DATE OF APPROVAL SHOWN.														
REFERENCE DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.														
ⓑ CANCELLED AFTER 27 MARCH 1981 NO SUPERSEDING STANDARD														
P.A. NAVY - AS Other Cust		TITLE TIRE-AIRCRAFT, 26x6.6 - (200 MPH) - TYPE VII (NAVY)				MILITARY STANDARD MS26564(AS)								
PROCUREMENT SPECIFICATION MIL-T-5041		SUPERSEDES:				SHEET 1 OF 1								