

3 JUN 58

MM RFFFTGM RFFEMEM RFFEMTE RFFEDPT RFFWD RFFETZ RFFWBP
DE RFFPMR 6/02
M 021250Z
FM CANAIRMAT
TO GENLIST
RFFEMTE/11TSU MONTREAL
RFFEDPT/6RD TRENTON
RFFWBP/STN LINCOLN PARK
RFFEMEM/CEPE UPLANDS
RFFWD/12TSU TORONTO
RFFETZ/QUALITY CONTROL LAB OTTAWA
ZEN/STN ROCKCLIFFE

BT

LOG 2049 2 JUN DISREGARD AMC LOG2047 23 APR THE FOLLOWING INSTRUCTIONS SHALL APPLY TO ALL AIRCRAFT MAIN WHEEL TIRES ARE TO BE INFLATED IN ACCORDANCE WITH EO 110-5-2 AND TO PRESSURES INDICATED BY INFLATION TABLES FOR THE MAXIMUM GROSS WEIGHT OF THE AIRCRAFT CONCERNED AND FOR THIS APPLICATION AUM MAY BE INTERPRETED AS THE MAXIMUM TAKE OFFWEIGHT ENCOUNTERED BY USER ACTIVITIES AND INFLATION PRESSURES NORMALLY SHOULD NOT EXCEED THOSE IN COLUMN 5 OF THE INFLATION TABLE IN EO 110-5-2 EXCEPT FOR WINTER OPERATIONS WHERE HANGARED AIRCRAFT ARE TO HAVE INFLATION PRESSURES INCREASED 10 PERCENT GMM IF APPLICABLE GMM THE FIGURE IN COLUMN 5 MAY BE INCREASED 10 PERCENT AND FOR HELICOPTER TIRES AND AIRCRAFT TIRE SIZES NOT SPECIFICALLY COVERED IN THE INFLATION TABLES GMM INFLATION PRESSURES SHALL BE IN ACCORDANCE WITH THE APPLICABLE AIRCRAFT APO DIRECTIVES AND DUE TO PROFESSIONAL USER DIFFICULTIES IN ESTABLISHING AUM TAIL AND NOSE WHEEL TIRE STATIC LOADS ALL NOSE AND TAIL WHEEL TIRE INFLATION PRESSURES SHALL BE IN ACCORDANCE WITH THE RELEVANT AIRCRAFT APO DIRECTIVES AND WHERE TIRE PRESSURES EXCEED THE RANGE OF PRESSURE GAUGE 4G158 UNITS MAY DEMAND 4G2407 A PRESSURE GAUGE 4G/NIV 0-450 PSI IS UNDERGOING USER TRIALS AND IF SATISFACTORY WILL BE SCALED FOR ISSUE AND EO 110-5-2 TIRE PRESSURE TABLE WILL BE AMENDED AS FOLLOWS MAIN WHEEL TIRES TYPE 1 HARVARD 27 INCH 10 PR 2750 LBS-35 PSI 35550-45 4300-55 4700-60 5500-70 CANSO MITCHELL 47 INCH 14 PR 8750 LBS-35 PSI 11200-45 12500-50 15000-60 17500-70 NEPTUNE 56 INCH 20 PR 17500 LBS-50 PSI 23800-65 26200-75 30000-85 35000- TYPE 3 CHEMUNK 6.00-6 4 PR 570 LBS-13 PSI 660-15 830-20 970-22 1000-25 CESSNA L-19 7.00-6 6 PR 800 LBS-15 1060-20 1250-25 1500-30 1900-38 OTHER EXPEDITOR 11.00-12 SPR 3500 LBS-25 PSI 4200-30 4900-35 5600-40 6300-45 DAKOTA 17.00-16 12PR 8700 LBS-30 PSI 11600-40 13100-45 14500-50 16000-55 NORTH STAR G119 15.50-20 14 PR 10200 LBS-45 PSI 12500-55 PSI 14800-65 17100-75 20500-90 TYPE SABRE T33 26X6.6 12 PR 4100 LBS-35 PSI 5300-110 PSI 6600-130 PSI 7300-150 8000-165 C107 36 X 11 20 PR 11400-95 PSI 13200-110 15600-130 18000-150 18500-155 ADDITIONAL INFORMATION BURST PRESSURE OF TYPE 1 TIRES 27 INCH -280 PSI 47 INCH-280 PSI 56 INCH -400 PSI TYPE 3 6.00-6-168 7.00-6-152 11.00-12-180 1700-16-220 15.50-20-360 TYPE 7 26 X 6.6. 12 PR-660 PSI 29 X 7.7 16 PR-880 PSI

BT

02/1354Z

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DEPARTMENT OF NATIONAL DEFENCE

File: 1027 (SOMaint)

Lachine, Que, 7 Aug 52.

CO RCAF Stn Rockcliffe, Ont.

Aircraft Wheels, Brakes, Tires and Tubes
Retreading Aircraft Tires

1 With the present high cost of aircraft tires and the shortage of critical materials the retreading of aircraft tires is being investigated by AMC. Therefore AID Inspectors at units are to be instructed to categorize used aircraft casings, keeping in mind the retreading aspect and to report them in the usual manner.

2 EO 110-5-2 and 110-5-3 are being revised.

(D.W. Neeland) F/O
for AOC RCAF ATC