NUMBER: S.1. M20-66
DATE: 2-24-83
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SUBJECT: MOONEY DECAL TO COVER UP "TURBO" ON M20K AIRCRAFT FUSELAGE DECALS. "TURBO
MOONEY 231"
TIME OF COMPLIANCE: At owners earliest convenience.
INTRODUCTION: In an effort to prevent confusion of the type of fuel required for the Mooney 231 aircraft, special
decals are being provided to owners of 1979 and 1980 aircraft. When installed according to instructions below and
figures 1, 2, and 3, the special decals will cover the word "Turbo" on the fuselage decals "Turbo Mooney 231".
INSTRUCTIONS:
1. It is recommended that the special decals be applied in moderate temperature conditions (60° - 75°F) and not in
direct sunlight.
2. It is not recommended that an attempt be made to remove the word "Turbo". This attempt may damage the
paint. Read all instructions and reference figures 1, 2, and 3 prior to decal installation.
3. Use isopropyl alcohol on a clean soft cloth to wipe the area where the word "Turbo" is depicted. Clean sufficient
area for the special decal to be applied.
4. Use a No. 2, soft lead pencil, and a flexible straight edge to lightly draw a line parallel to and 1/4 inch below the
bottom edge of the letters "M" and "N" in the word "Mooney" of the installed fuselage decal. (See Figure 1).
5. Use the pencil and straight edge to draw a line 1/4 inch parallel to the left edge of the "M" in Mooney. (See
Figure 1).
6. Place the special decals lower right hand corner on the intersection of the two pencil lines "A" (Figure 2). (Do
not remove the peel off backing at this time.) Lay the special decal full length along the line extended under the
word "Turbo" to verify aircraft skin lap will not interfere with proper application of the decal (left side of fuse-
lage only). If the tip of the special decal extends beyond this skin lap trim the left edge of the decal to allow
correct positioning.
7. When it has been determined that the special decal will fit, place the decal back into position using the intersec-
tion of the two pencil lines "A" (see Figure 2) and the line along the bottom of original decal as locators. Care-
fully hold the special decal in position with your right hand. Lift the left portion of special decal and peel the
protective backing from that portion.
8. Start in the center of decal and press the sticky back adhesive to the aircraft skin. Work air bubbles out from
center toward top and bottom and outward as decal is pressed down (see Figure 3).
9. Pull the protective backing from the right hand portion of the special decal and carefully work air bubbles out as
it is pressed down. Use the protective backing paper to rub the decal down into all areas around the letters of the
now covered up word "Turbo". Make certain all edges of the special decal are pressed down securely.
10. Repeat the procedures on the other side of the aircraft.
11. Use the soft cloth and isopropyl alcohol to clean the No. 2 pencil marks from the paint surface.

REFERENCE DATA: N/A
PARTS LIST/QUANTITY: Kit P/N S.1. M20-66-1

<table>
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<th>Quantity</th>
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FIGURES/TABLES: Fig. 1, 2, and 3 attached.