



NUMBER: S.I. 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"

MODELS/S/N AFFECTED: Mooney M20K (231) Aircraft, S/N 25-0001 thru 25-0446.

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 fuselage 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 intersection of the two pencil lines "A" (see Figure 2) and the line along the bottom of original decal as locators. **Carefully 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.I. M20-66-1

Quantity
2

Part Number
020066-003

Description
Decal

FIGURES/TABLES: Fig. 1, 2, and 3 attached.

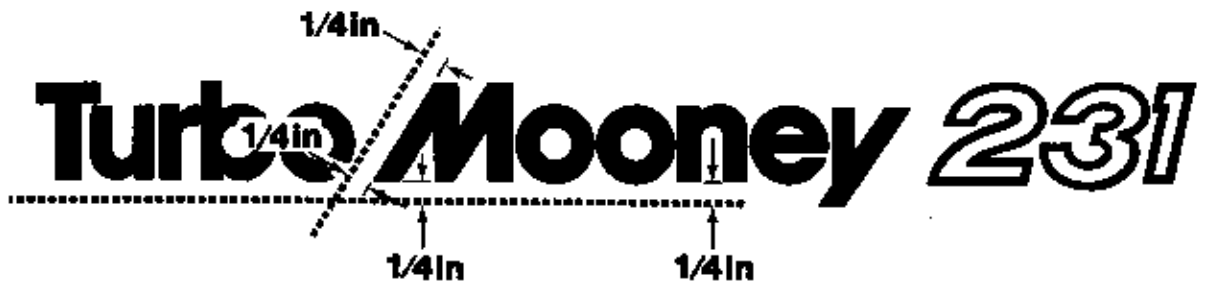


FIGURE 1



FIGURE 2



FIGURE 3