SUBJECT: Mooney Ultra Series - Windscreen Surface Preparation for Paint

MODELS/ SN: M20U - All

AFFECTED: M20V - All

TIME OF COMPLIANCE: AS REQUIRED

INTRODUCTION: When a Mooney Ultra Series Aircraft requires a windscreen installation with blackout paint, proper preparation of the interior windscreen surface is required. This service instruction describes procedures to properly prepare the windscreen's interior surface, prior to blackout painting.

INSTRUCTIONS: Read entire procedures before beginning work.

1.1. Remove windscreen per applicable Mooney Service and Maintenance Manual.

1.2. If a new windscreen is required, pre-fit and drill holes in new windscreen per instructions found in Service Bulletin M20-329 and applicable Mooney Service and Maintenance Manual.

1.3. Once pre-fit has been completed, move windscreen to clean work table. On interior side of windscreen, tape off non-painted area, not to exceed 1.38” measured from outside edge of windscreen with 3M painters tape and butcher paper (or equivalent).

1.4. Abrade surface of windscreen to be painted with a Maroon 3M 7447 Scotch-Brite, see Figure SIM20-135-001.

CAUTION:

TAKE CARE IN ABRADING WINDSCREEN, REMOVE ONLY THE SURFACE GLOSS

1.5. Clean all abraded areas with isopropyl alcohol and lint free cloth.

1.6. Apply blackout paint to windscreen surface, may need 1 to 2 coats for an opaque coverage. Allow paint to completely dry per manufacturer's instructions on paint can.


1.8. Return aircraft to service.

1.9. Procedure complete.

WARRANTY: N/A

REFERENCE 1. Mooney Service and Maintenance Manual (applicable A/C)


PARTS LIST: Parts Kit P/N:

<table>
<thead>
<tr>
<th>Item</th>
<th>P/N</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>FLY0580</td>
<td>PAINT, BLACK-OUT ........................ AR</td>
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</tbody>
</table>

Service Instruction Kit - N/A
WINDSCREEN

FROM EDGE OF WINDSCREEN
DO NOT EXCEED 1.38” EDGE DISTANCE

REF: INSIDE OF COMPOSITE SHELL

PAINT INSIDE AREA OF WINDSCREEN

CAUTION
TAKE CARE WHEN ABRADING WINDSCREEN, REMOVE ONLY THE SURFACE GLOSS

MASK OFF USING 3M PAINTERS TAPE AND BUTCHER PAPER

ONLY ABRIDE “BLACK-OUT” AREA WITH 3M 7447 SCOTCH-BRITE PAD

FIGURE SIM20-135-1 - WINDSCREEN PREPARATION FOR BLACK-OUT PAINT
**SERVICE INSTRUCTION SIM20-135**
Date: February 1, 2019

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**MOONEY INTERNATIONAL CORPORATION**
KERRVILLE, TEXAS 78028 - FAX 830-257-4635

SERVICE (BULLETIN) (INSTRUCTION) NO. ____________ HAS BEEN COMPLIED WITH ON AIRCRAFT MODEL ____________ SERIAL NUMBER ____________

Tach. Time: ________________  
N-Number ________________ (Reg. No.)  
Date of Compliance: ________________

Owner: ________________  
________________________
________________________
________________________

Complied By: ________________
________________________
________________________

Inspection Report: ________________
________________________
________________________

Form 07-0001

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**MOONEY INTERNATIONAL CORPORATION**
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