

SERVICE BULLETIN M20- 272  
ISSUE DATE: 10 February, 2000

## SUBJECT:

MOONEY M20K, ENCORE, AIRSPEED INDICATOR MARKINGS CORRECTION RETROFIT

## MODELS/S/N AFFECTED:

M20K, **S/N 25-2013 thru 25-2032; S/N 25-2000 THRU 25-2012** THAT HAVE BEEN MODIFIED INTO MOONEY ENCORE CONFIGURATION PER MAC RETROFIT DRAWING No. 940121; & **S/N 25-1000 THRU 25-1230** THAT HAVE BEEN MODIFIED INTO MOONEY ENCORE CONFIGURATION PER MAC DRAWING NO. 940141.

## TIME OF COMPLIANCE:

WITHIN NEXT 50 HOURS

## INTRODUCTION:

M20K, MOONEY ENCORE, MAY HAVE BEEN EQUIPPED WITH AIRSPEED INDICATORS THAT HAVE IMPROPER WHITE ARC AND GREEN ARC MARKINGS. SOME M20K, ENCORE, AFM/POH's, #3303, MAY HAVE INCORRECT INFORMATION ON PAGE 2-4. RETROFIT KITS FOR THE CORRECTLY MARKED AIRSPEED INDICATOR AND CORRECTED PAGE 2-4 ARE AVAILABLE IN THE KIT LISTED IN THE PARTS LIST BELOW.

## INSTRUCTIONS:

1. CHECK AIRCRAFT AIRSPEED INDICATOR FOR A WHITE ARC FROM 61 TO 112 KNOTS AND A GREEN ARC FROM 67 TO 174 KNOTS.
2. IF THE AIRSPEED INDICATOR MARKINGS ARE NOT SHOWN AS INDICATED IN STEP (1.) ABOVE, KIT P/N SB M20-272-1 SHOULD BE ORDERED FROM YOUR NEAREST MOONEY SERVICE CENTER.
3. WHEN NEW AIRSPEED INDICATOR, P/N 820308-543, IS RECEIVED, REPLACE EXISTING AIRSPEED INDICATOR, P/N 820308-523 WITH NEW ONE. RETURN OPERABLE, OLD AIRSPEED INDICATOR, 820308-523, TO MOONEY SERVICE PARTS DEPARTMENT.
4. PERFORM PITOT/STATIC LEAK CHECK TEST.
5. INSPECT THE ENCORE AFM/POH #3303, PAGE 2-4, TO VERIFY THAT THE WHITE ARC SHOWS 61 - 112 KIAS AND THAT THE GREEN ARC SHOWS 67 - 174 KIAS. IF DIFFERENT, INSERT PAGES 2-3/2-4 FROM KIT BELOW.
6. ENTER COMPLIANCE NOTE INTO LOG BOOK AND RETURN AIRCRAFT TO SERVICE.

## WARRANTY:

MOONEY AIRCRAFT CORPORATION WILL ALLOW UP TO 2.5 HOURS TO REMOVE AND REPLACE THE AIRSPEED INDICATOR, IF NECESSARY, WHEN THE OPERABLE, REMOVED AIRSPEED INDICATOR AND COMPLETED COMPLIANCE PAPER WORK IS RECEIVED BY MAC SERVICE PARTS DEPARTMENT WITHIN 180 DAYS OF THE DATE OF ISSUE OF THIS SERVICE BULLETIN.

## REFERENCE DATA:

MAC DRAWING NO.'s 940121 &amp; 940141

## PARTS LIST:

KIT PART NUMBER SB-M20-272-1

ITEM .....	PART NUMBER.....	DESCRIPTION.....	QTY
1.....	820308-543.....	INDICATOR, AIRSPEED.....	1
2.....	PAGES 2-3/2-4 (1 SHEET).....	M20K AFM/POH #3303.....	1

FIGURES/TABLES: N/A