

1084 East Water Street

DATE 12/18/2019

NAME NTSB ATTN: MICHAEL FOLKERTS							
ADDRESS [REDACTED]						CITY	DENVER
MAKE & MODEL FUEL QTY			STATE CO		ZIP CODE 80239		
REGISTRATION NO.			SERIAL NO. <b>AIRCRAFT</b>		TOTAL HOURS		
RECEIVED			PART 563-228 58-380097-05		SERIAL NUMBER 215		
PROMISED			PHONE WHEN YES? # ( ) -			WRITTEN BY:	
#	SERVICE						
1	GAUGE MISSING BOTH POST & GAUGE, TURNED 40 TO 50 DEGREES TO RIGHT, BACK PLATE BROKEN & RESISTOR MISSING						
2	CLEANED, REPLACE RESISTOR, CALIBRATED						
3	TESTED TO SPEC AP42 563-037/-228,						
"The limited warranties applying to the parts listed hereon are those which may be offered by the manufacturer. We hereby expressly disclaim all warranties, either expressed or implied, including any implied warranties of the merchantability or fitness for a particular purpose and neither assume, nor authorize any other person to assume for the company any liability in connection with the sale of this part(s) and/or service. Buyer shall not be entitled to recover from the company any consequential damages, to property, damages for loss of use, loss of time, loss of profits or income, or any other incidental damages."					TOTAL		
LIANCE -----					TOTAL PARTS		
E ReC.					OUTSIDE		
NEXT COMPLIANCE					GAS, OIL &		
DUE DATE					SUBTOTAL		
HOURS					SALES TAX		
					TOTAL		

# INSTRUMENT FUEL QTY

CUSTOMER P/O  
NTSB

WORK ORDER: 193807

VENDOR PN: 563-228

MFG PN: 58-380097-05

SN: 215

DATE IN: 12/18/2019

DATE OUT: 12/18/2019

## INCOMING INSPECTION:

GAUGE MISSING BOTH POST AND GAUGE TURNED 40 TO 50 DEGREES TO THE

RIGHT. ONCE OPEN UP BACK PLASTIC PLATE BROKEN AND RESISTOR MISSING

## INPROCESS INSPECTION:

UNIT WORKED BUT NOT TO SPEC AS RESISTOR WAS MISSING. WE ADDED A 82 OHM

RESISTOR TO THE PLUS WIRE STICKING OUT THE BACK OF THE GAUGE. THEN TESTED GAUGE TO SPEC AP42 563-037/-228

GAUGE DID TEST TO SPEC AFTER ADDING RESISTOR.

OPERATION	DATE	MECHANIC	INSPECTED BY
Overhaul & Repair	N/A	N/A	N/A
Out Of Case Calibration	N/A	N/A	N/A
Final Assembly	N/A	N/A	N/A
Painting & Decal	N/A	N/A	N/A

**FINAL INSPECTION:** UNIT WAS BROKEN WHEN RECEIVED,. UNIT DID WORK EVEN THOUGH IT WAS BROKEN.

## PARTS

PART NUMBER	QTY	NEW / USED	DESCRIPTION	P/O NUMBER
82OHM	1	NEW	RESISTOR	NA
NA	na	NA	NA	NA

REPAIRED BY: NA

DATE: NA

FINAL INSPECTOR: George F. McKinney Sr.

DATE: 18 DEC 2019

Form: APLH-016

## TEST RESULTS

18 DEC 2019

E	-2 MV						
1/4	-2.5 MV						
1/2	-2 MV						
3/4	0						
F	0						
MTE ID#	165 EXPIRATION DATE	16 SEP 2020					

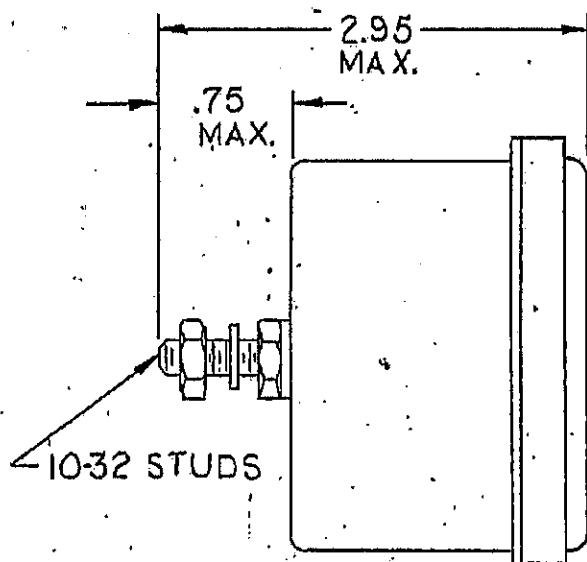
COMMENTS: AD / SB      FAA INSPECTOR WILLIAM GROSSLEY BROUGHT THIS GAUGE  
ON 18 DEC 2019 AT 9:30 AM.

Form: APLH-016

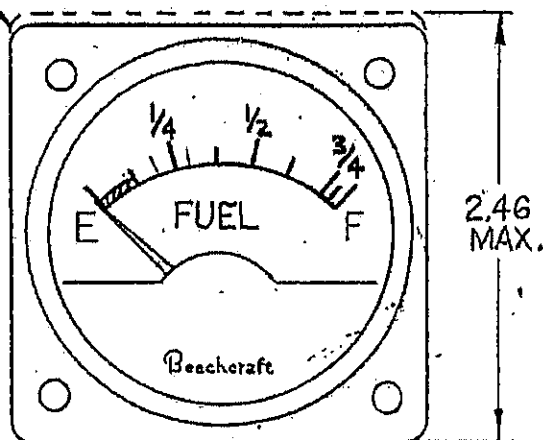
ISSUED ECN # 42736

INDICATORS WITH BEECHCRAFT LOGO	
HICKOK P/N	BEECHCRAFT P/N
563-	58-380097-1
563-037	" " -3
INDICATORS W/O BEECHCRAFT LOGO	
563-228	58-380097-5

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	INC. ECN # 43529	TPS 10 AUG 84	



CASE IN ACCORDANCE WITH MS 33638 FOR 2 INCH INSTR. EXCEPT AS SHOWN



58-380097-3 SHOWN

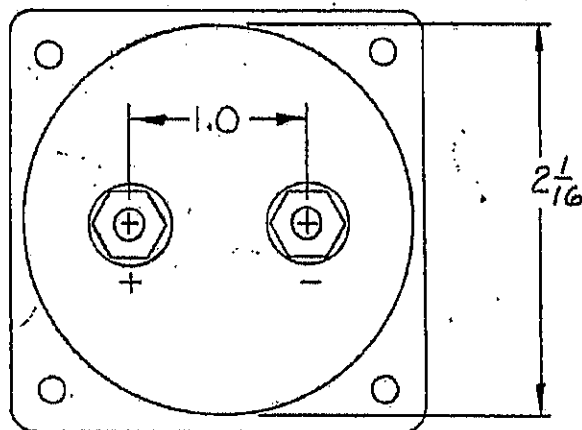


TABLE I		
SCALE CALIBRATION		
SCALE	INPUT	TOLER.
E	3 MV.	± 2 MV.
1/4	34 MV.	
1/2	66 MV.	
3/4	97 MV.	
F	103 MV.	

### SPECIFICATION CONTROL DRAWING

DIMENSIONS ARE IN INCHES AND INCLUDE PLATING THICKNESS UNLESS OTHERWISE SPECIFIED <b>TOLERANCES ON</b> FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/2°	DATE	THE HICKOK ELECTRICAL INSTRUMENT COMPANY	
	8-13-80	CLEVELAND, OHIO 44108	
MATERIAL	8-13-80	TITLE	
	8-14-80	INDICATOR-FUEL QUANTITY, LIGHTED	
FINISH	APPROVED	SIZE	CODE IDENT NO.
		A	28569
		DRAWING NO.	563-037, 228
		SCALE	WT.
			SHEET 1



# INSTRUMENT FUEL QTY

CUSTOMER P/O

NTSB

WORK ORDER: 193808

VENDOR PN: 563-228

MFG PN: 58-380097-05

SN: 225

DATE IN: 12/18/2019

DATE OUT: 12/18/2019

**INCOMING INSPECTION:** GAUGE RECEIVED INTACT, FOUND CUT OFF WIRES ON THE POST AND PAINT  
MISSING FROM POINTER.

**INPROCESS INSPECTION:** TESTED GAUGE TO SPEC AP 42 / 563-037,-228 . GAUGE TESTED OK.

OPERATION	DATE	MECHANIC	INSPECTED BY
Overhaul & Repair	N/A	N/A	N/A
Out Of Case Calibration	N/A	N/A	N/A
Final Assembly	N/A	N/A	N/A
Painting & Decal	N/A	N/A	N/A

**FINAL INSPECTION:** GAUGE TEST TO SPEC. AND WITH IN CALIBRATION.

## PARTS

PART NUMBER	QTY	NEW / USED	DESCRIPTION	P/O NUMBER
N/A	N/A	N/A	N/A	N/A

REPAIRED BY:

DATE:

FINAL INSPECTOR:

George F. McKinney Sr.

I hereby certify that the above information is true and correct to the best of my knowledge and belief, and that I am a duly qualified and licensed professional person in the field of aviation maintenance.

DATE: 18 DEC 2019

## TEST RESULTS

[illegible]

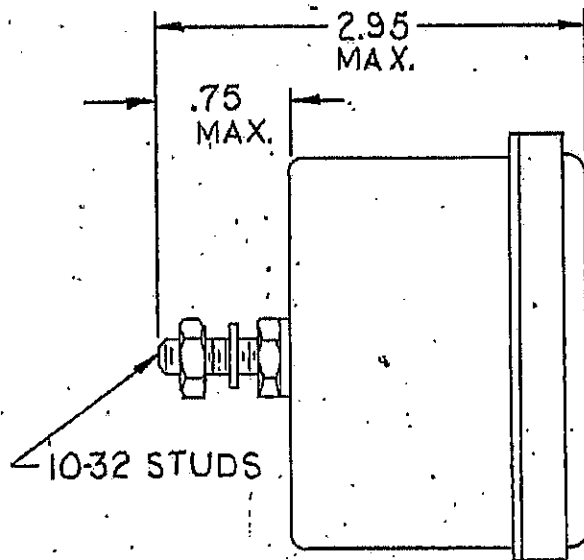
COMMENTS: AD / SB FAA INSPECTOR WILLIAM GROSSLEY BROUGHT THIS GAUGE  
ON 18 DEC 2019 AT 9:30 AM.

Form: APLH-016

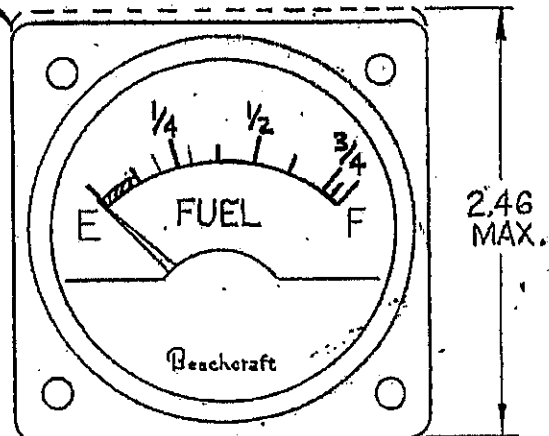
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INDICATORS WITH BEECHCRAFT LOGO	
HICKOK P/N	BEECHCRAFT P/N
563-	58-380097-1
563-037	" " -3
INDICATORS W/O BEECHCRAFT LOGO	
563-228	58-380097-5

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	INC. ECN # 43529	TPS 10 AUG 84	



CASE IN ACCORDANCE WITH  
MS 33638 FOR 2 INCH INSTR.  
EXCEPT AS SHOWN



58-380097-3 SHOWN

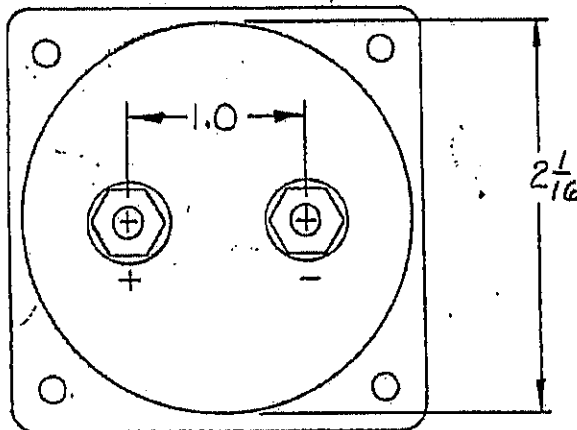


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INCLUDE PLATING THICKNESS  
UNLESS OTHERWISE SPECIFIED  
TOLERANCES ON  
FRACTIONS ± 1/64  
DECIMALS ± .005  
ANGLES ± 1/2°

MATERIAL

FINISH

DATE
8-13-80
8-13-80
8-14-80
APPROVED

THE HICKOK ELECTRICAL INSTRUMENT COMPANY  
CLEVELAND, OHIO 44108

TYPE

INDICATOR-FUEL QUANTITY, LIGHTED

SIZE	CODE IDENT NO.	DRAWING NO.
A	28569	563-037, 228
SCALE	WT.	SHEET
		1