

Revision Transmittal

April 30, 2001

TO: Cessna Distributors, Single Engine Service Stations and CPC's

SUBJECT: Single Engine Service Bulletin SEB99-18 Revision 1, Fuel Quantity Indicating System Inspection

REASON FOR REVISION

To delete the Stewart-Warner only manufactured condition statement from the Effectivity section.

This Service Bulletin is applicable for all fuel quantity indicating systems for the affected airplane serial numbers.

To add additional airplane serial numbers to the Effectivity section.

To revise the Effectivity section by providing a more detailed listing of affected airplane models and serial numbers.

Miscellaneous changes as required.

REQUIRED ACTION

Please replace any copy of SEB99-18 with the attached copy of SEB99-18 Revision 1 which is printed in its entirety.

NOTE: Compliance with the repetitive inspection of this revision is required if in compliance with the original issue of this service bulletin.

LOG OF EFFECTIVE PAGES

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To obtain satisfactory results, procedures specified in this publication must be accomplished in accordance with accepted methods and prevailing government regulations. Cessna Aircraft Company cannot be responsible for the quality of work performed in accomplishing the requirements of this publication.

Cessna Aircraft Company, Product Support, P.O. Box 7706, Wichita, Kansas 67277, U.S.A. (316) 517-5800, Facsimile (316) 942-9006

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Service Bulletin

April 30, 2001

SEB99-18
Revision 1

TITLE

FUEL QUANTITY INDICATING SYSTEM INSPECTION

EFFECTIVITY

<u>Model</u>	<u>Year</u>	<u>Serial Numbers</u>
120	1946 thru 1949	8003 thru 15075
140	1946 thru 1949	8001 thru 15075
140A	1949 thru 1951	15200 thru 15724
150	1959	17001 thru 17999
150	1960	59001 thru 59018
150		617
150A	1961	15059019 thru 15059350
150A		628
150B	1962	15059351 thru 15059700
150C	1963	15059701 thru 15060087
150D	1964	15060088 thru 15060772
150E	1965	15060773 thru 15061532
150E		644
150F	1966	15061533 thru 15064532
150G	1967	15064533 thru 15064969
150G	1967	15064971 thru 15067198
150H	1968	15067199 thru 15069308
150H		649
150J	1969	15069309 thru 15071128
150K	1970	15071129 thru 15072003
150L	1971	15072004 thru 15072628
150L	1972	15072629 thru 15073658
150L	1973	15073659 thru 15074850
150L	1974	15074851 thru 15075781
150M	1975	15075782 thru 15077005
150M	1976	15077006 thru 15078505

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150M	1977	15078506 thru 15079405
A150K	1970	A1500001 thru A1500226
A150L	1971	A1500227 thru A1500276
A150L	1972	A1500277 thru A1500342
A150L	1973	A1500343 thru A1500429
A150L	1974	A1500430 thru A1500432
A150L	1974	A1500434 thru A1500523
A150M	1975	A1500524 thru A1500609
A150M		15064970
A150M	1976	A1500610 thru A1500684
A150M	1977	A1500685 thru A1500734
152	1978	15279406 thru 15282031
152	1979	15282032 thru 15283591
152	1980	15283592 thru 15284541
152	1981	15284542 thru 15285161
152	1982	15285162 thru 15285594
152	1983	15285595 thru 15285833
152	1984	15285834 thru 15285939
152	1985	15285940 thru 15286033
A152	1978	A1520735 thru A1520808
A152		A1500433
A152	1979	A1520809 thru A1520878
A152		681
A152	1980	A1520879 thru A1520943
A152	1981	A1520944 thru A1520983
A152	1982	A1520984 thru A1521014
A152	1983	A1521015 thru A1521025
A152	1984	A1521026 thru A1521027
A152	1985	A1521028 thru A1521049
170	1948	18000 thru 18729
170A	1949 thru 1951	18730 thru 19400
170A	1949 thru 1951	19402 thru 20266
170B	1952 thru 1956	20267 thru 20999
170B	1952 thru 1956	25000 thru 27169
170B		609, 19401
172	1956 thru 1959	28000 thru 29999
172	1956 thru 1959	36000 thru 36999
172	1956 thru 1959	46001 thru 46754
172		610, 612, 615
172A	1960	46755 thru 47746
172A		622, 625

172B	1961	17247747 thru 17248734
172B		630
172C	1962	17248735 thru 17249544
172D	1963	17249545 thru 17250572
172E	1964	17250573 thru 17251822
172E		639
172F	1965	17251823 thru 17253392
172G	1966	17253393 thru 17254892
172H	1967	17254893 thru 17256492
172H	1967	17256494 thru 17256512
172H		638
172I	1968	17256513 thru 17257161
172K	1969	17257162 thru 17258486
172K	1970	17258487 thru 17259223
172L	1971	17259224 thru 17259903
172L	1972	17259904 thru 17260758
172M	1973	17260759 thru 17261444
172M	1973	17261446 thru 17261577
172M	1973	17261579 thru 17261898
172M		17256493
172M	1974	17261899 thru 17263458
172M	1975	17263459 thru 17265684
172M	1976	17265685 thru 17267584
172N	1977	17267585 thru 17269309
172N		17261445
172N	1978	17269310 thru 17270049
172N	1978	17270051 thru 17271034
172N		17261578
172N	1979	17271035 thru 17272884
172N	1980	17272885 thru 17274009
172N		17270050
172P	1981	17274010 thru 17275034
172P	1982	17275035 thru 17275759
172P	1983	17275760 thru 17276079
172P	1984	17276080 thru 17276259
172P	1985	17276260 thru 17276516
172P	1986	17276517 thru 17276654
172Q	1983	17275869
172Q	1983	17275927 thru 17275934
172Q	1983	17275952, 17275959, 17275960
172Q	1983	17275962, 17275964, 17275965

172Q	1983	17275967, 17275968, 17275969
172Q	1983	17275971, 17275992, 17275999
172Q	1983	17276002, 17276005, 17276029
172Q	1983	17276032, 17276042, 17276045
172Q	1983	17276051, 17276052, 17276054
172Q	1984	17276101, 17276109, 17276140
172Q	1984	17276147, 17276188, 17276211
175	1958 thru 1959	55001 thru 56238
175		28700A
175A	1960	56239 thru 56777
175A		619
175B	1961	17556778 thru 17557002
175C	1962	17557003 thru 17557119
P172D	1963	P17257120 thru P17257188
R172E (T41)	1967 thru 1968	R172-0001 thru R172-0335
R172F (T41)	1969	R172-0336 thru R172-0409
R172G (T41)	1969 thru 1970	R1720410 thru R1720444
R172H (T41)	1971	R1720445 thru R1720494
R172H (T41)	1972	R1720495 thru R1720546
R172H (T41)	1973 thru 1976	R1720547 thru R1720620
R172J	1974	P17257189
R172K	1977	R1722000 thru R1722724
R172K	1978	R1722725 thru R1722929
R172K	1979	R1722930 thru R1723199
R172K		680
R172K	1980	R1723200 thru R1723397
R172K	1980	R1723397 thru R1723399
R172K	1981	R1723400 thru R1723454
172RG	1980	172RG0001 thru 172RG0570
172RG	1981	172RG0571 thru 172RG0890
172RG		691
172RG	1982	172RG0891 thru 172RG1099
172RG	1983	172RG1100 thru 172RG1144
172RG	1984	172RG1145 thru 172RG1177
172RG	1985	172RG1178 thru 172RG1191
177	1968	17700001
177	1968	17700003 thru 17701164
177		661
177A	1969	17701165 thru 17701370
177B	1970	17701371 thru 17701471
177B	1970	17701473 thru 17701530

177B	1971	17701531 thru 17701633
177B		17700002
177B	1972	17701634 thru 17701773
177B	1973	17701774 thru 17701973
177B	1974	17701974 thru 17702123
177B	1975	17702124 thru 17702313
177B		17701472
177B	1976	17702314 thru 17702522
177B	1977	17702523 thru 17702672
177B	1978	17702673 thru 17702752
177RG	1971	177RG0001 thru 177RG0212
177RG	1972	177RG0213 thru 177RG0282
177RG	1973	177RG0283 thru 177RG0418
177RG	1973	177RG0420 thru 177RG0432
177RG	1974	177RG0433 thru 177RG0592
177RG	1975	177RG0593 thru 177RG0787
177RG	1976	177RG0788 thru 177RG1051
177RG	1977	177RG1052 thru 177RG1266
177RG	1978	177RG1267 thru 177RG1366
177RG		177RG0419
180	1953 thru 1956	30000 thru 32661
180		604, 614
180A	1957	32662 thru 32999
180A	1957 thru 1958	50001 thru 50355
180B	1959	50356 thru 50661
180C	1960	50662 thru 50911
180C		624
180D	1961	18050912 thru 18051063
180E	1962	18051064 thru 18051183
180F	1963	18051184 thru 18051312
180G	1964	18051313 thru 18051445
180H	1965 thru 1972	18051446 thru 18052284
180H		645
180J	1973 thru 1976	18052285 thru 18052489
180J	1973 thru 1976	18052491 thru 18052770
180K	1977	18052771 thru 18052905
180K	1978	18052906 thru 18053000
180K	1979	18053001 thru 18053115
180K		18052490
180K	1980	18053116 thru 18053167
180K	1981	18053168 thru 18053203

182	1956	33000 thru 33842
182		613
182A	1957	33843 thru 34753
182A	1958	34755 thru 34999
182A	1958	51001 thru 51556
182B	1959	51557 thru 51622
182B	1959	51624 thru 52358
182B		34754
182C	1960	52359 thru 53007
182C		631
182D	1961	18253008 thru 18253598
182D	1961	51623
182E	1962	18253599 thru 18254423
182F	1963	18254424 thru 18255058
182G	1964	18255059 thru 18255844
182H	1965	18255846 thru 18256684
182H		634
182J	1966	18256685 thru 18257625
182K	1967	18257626 thru 18257698
182K	1967	18257700 thru 18258505
182K	1967	18255845
182L	1968	18258506 thru 18259305
182M	1969	18259306 thru 18260055
182M		18257699
182N	1970	18260056 thru 18260445
182N	1971	18260446 thru 18260825
182P	1972	18260826 thru 18261425
182P	1973	18261426 thru 18262465
182P	1974	18262466 thru 18263475
182P	1975	18263476 thru 18263478
182P	1975	18263480 thru 18264295
182P		675
182P	1976	18264296 thru 18265175
182Q	1977	18265176 thru 18265965
182Q	1978	18265966 thru 18266590
182Q		18263479
182Q	1979	18266591 thru 18267300
182Q	1980	18267301
182Q	1980	18267303 thru 18267715
182R/T182	1981	18267716 thru 18268055
182R/T182		18267302

182R/T182	1982	18268056 thru 18268293
182R/T182	1983	18268294 thru 18268368
182R/T182	1984	18268369 thru 18268434
182R/T182	1985	18268435 thru 18268541
182R	1986	18268542 thru 18268586
R182	1978	R18200002 thru R18200583
R182/TR182	1979	R18200584 thru R18201313
R182/TR182		R18200001
R182/TR182	1980	R18201314
R182/TR182	1980	R18201316 thru R18201628
R182/TR182	1981	R18201629 thru R18201798
R182/TR182	1982	R18201799 thru R18201928
R182/TR182	1983	R18201929 thru R18201973
R182/TR182	1984	R18201974 thru R18201999
R182/TR182	1985	R18202000 thru R18202031
R182/TR182		R18201315
R182/TR182	1986	R18202032 thru R18202039
185	1961	185-0001 thru 185-0237
185		632
185A	1962	185-0238 thru 185-0512
185B	1963	185-0513 thru 185-0653
185C	1964	185-0654 thru 185-0776
185D	1965	185-0777 thru 185-0967
185E	1966	185-0968 thru 185-1149
A185E	1966	185-0968 thru 185-1149
A185E	1967	185-1150 thru 185-1300
A185E	1968	185-1301 thru 185-1447
A185E	1969	185-1448 thru 185-1599
A185E	1970/1971	18501600 thru 18501934
A185E	1972	18501935 thru 18502090
A185F	1973	18502091 thru 18502299
A185F	1973	18502301 thru 18502310
A185F		652
A185F	1974	18502311 thru 18502565
A185F	1975	18502566 thru 18502838
A185F	1976	18502839 thru 18503153
A185F	1977	18503154 thru 18503458
A185F	1978	18503459 thru 18503683
A185F	1979	18503684 thru 18503938
A185F		18502300
A185F	1980	18503939 thru 18504138

A185F	1981	18504139 thru 18504328
A185F	1982	18504329 thru 18504394
A185F	1983	18504395 thru 18504415
A185F	1984	18504416 thru 18504424
A185F	1985	18504425 thru 18504448
188	1966 thru 1969	188-0001 thru 188-0572
188		653
A188	1966 thru 1969	188-0001 thru 188-0572
A188		653
188A	1970 thru 1971	18800573 thru 18800832
A188A	1970 thru 1971	18800573 thru 18800832
188B	1972 thru 1975	18800833 thru 18802348
A188B	1972 thru 1983	18800833 thru 18803973
A188B	1972 thru 1983	18800967T thru 18803973T
A188B		678T
T188C	1979 thru 1983	T18803325T thru T18803974T
T188C	1979 thru 1983	T18803307T, T18803308T
T188C		T18802839T
190	1948 thru 1953	7004 thru 7999
190	1948 thru 1953	16000 thru 16183
195	1948 thru 1953	7004 thru 7999
195	1948 thru 1953	16000 thru 16183
195A	1948 thru 1953	7004 thru 7999
195A	1948 thru 1953	16000 thru 16183
195B	1948 thru 1953	7004 thru 7999
195B	1948 thru 1953	16000 thru 16183
210-5 (205)	1963	205-0001 thru 205-0480
210-5 (205)		641
210-5 (205A)	1964	205-0481 thru 205-0577
206	1964	206-0001 thru 206-0275
U206	1965	U206-0276 thru U206-0437
U206A	1966	U206-0438 thru U206-0656
TU206A	1966	U206-0487 thru U206-0656
U206B/ TU206B	1967	U206-0657 thru U206-0914
U206C/ TU206C	1968	U206-0915 thru U206-1234
U206D/ TU206D	1969	U206-1235 thru U206-1444
U206D/ TU206D	1970	U20601445 thru U20601587

U206E/ TU206E	1971	U20601588 thru U20601700
U206F/ TU206F	1972	U20601701 thru U20601874
U206F/ TU206F	1973	U20601875 thru U20602199
U206F/ TU206F	1974	U20602200 thru U20602579
U206F/ TU206F	1975	U20602580 thru U20602588
U206F/ TU206F	1975	U20602590 thru U20603020
U206F/ TU206F	1976	U20603021 thru U20603521
U206G/ TU206G	1977	U20603522 thru U20604074
U206G/ TU206G		676
U206G/ TU206G	1978	U20604075 thru U20604649
U206G/ TU206G	1979	U20604650 thru U20605309
U206G/ TU206G		U20602589
U206G/ TU206G	1980	U20605310 thru U20605919
U206G/ TU206G	1981	U20605920 thru U20606439
U206G/ TU206G	1982	U20606440 thru U20606699
U206G/ TU206G	1983	U20606700 thru U20606788
U206G/ TU206G	1984	U20606789 thru U20606846
U206G/ TU206G	1985	U20606847 thru U20606920
U206G/ TU206G	1986	U20606921 thru U20607020
P206	1965	P206-0002 thru P206-0160
P206A	1966	P206-0161 thru P206-0306
TP206A	1966	P206-0161 thru P206-0306
P206B/ TP206B	1967	P206-0307 thru P206-0419
P206C/ TP206C	1968	P206-0420 thru P206-0519
P206D/ TP206D	1969	P206-0520 thru P206-0603

P206E/ TP206E	1970	P20600604 thru P20600647
P206E/ TP206E		P206-0001
207/T207	1969	20700001 thru 20700148
207/T207	1970	20700149 thru 20700190
207/T207	1971	20700191 thru 20700205
207/T207	1972	20700206 thru 20700215
207/T207	1973	20700216 thru 20700227
207/T207	1974	20700228 thru 20700267
207/T207	1975	20700268 thru 20700314
207/T207	1976	20700315 thru 20700362
207A/T207A	1977	20700363 thru 20700414
207A/T207A	1978	20700415 thru 20700482
207A/T207A	1979	20700483 thru 20700562
207A/T207A	1980	20700563 thru 20700654
207A/T207A	1981	20700655 thru 20700729
207A/T207A	1982	20700730 thru 20700762
207A/T207A	1983	20700763 thru 20700767
207A/T207A	1984	20700768 thru 20700788
210	1960	57001 thru 57575
210		618
210A	1961	21057576 thru 21057840
210A		616
210B	1962	21057841 thru 21058085
210C	1963	21058086 thru 21058139
210C	1963	21058141 thru 21058220
210D	1964	21058221 thru 21058510
210E	1965	21058511 thru 21058715
210F	1966	21058716 thru 21058818
210G	1967	21058819 thru 21058936
210H	1968	21058937 thru 21059061
210J	1969	21059062 thru 21059199
210M/T210M	1978	21062274 thru 21062954
210M/T210M	1978	21061042
210N/T210N	1979	21062955 thru 21063640
210N/T210N	1980	21063641 thru 21064135
210N/T210N	1981	21064136 thru 21064535
210N/T210N	1982	21064536 thru 21064772
210N/T210N	1983	21064773 thru 21064822
210N/T210N	1984	21064823 thru 21064897

210R/T210R	1985	21064898 thru 21064949
210R/T210R	1986	21064950 thru 21065009
T210F	1966	T210-0001 thru T210-0197
T210G	1967	T210-0198 thru T210-0307
T210H	1968	T210-0308 thru T210-0392
T210J	1969	T210-0393 thru T210-0454
T210J		21058140
P210N	1978	P21000001 thru P21000150
P210N	1979	P21000151 thru P21000385
P210N	1980	P21000386 thru P21000590
P210N	1981	P21000591 thru P21000760
P210N	1982	P1000761 thru P21000811
P210N	1983	P21000812 thru P21000834
P210R	1985	P21000835 thru P21000866
P210R	1986	P21000867 thru P21000874
A-150L	1972 thru 1973	A-1501001 thru A-1501039
A-A150L	1972 thru 1973	A-A1500001 thru A-A1500009
A182J	1966	A182-0001 thru A182-0056
A182K	1967	A182-0057 thru A182-0096
A182L	1968	A182-0097 thru A182-0116
A182N	1972	A182-0117 thru A182-0136
A182N	1974	A182-0137 thru A182-0146
A182N	1976	A182-0147 thru A182-0148
A-A188B	1972 thru 1976	A-A1880001 thru A-A1880034
F150F	1966	F150-0001 thru F150-0067
F150G	1967	F150-0068 thru F150-0219
F150H	1968	F150-0220 thru F150-0389
F150J	1969	F150-0390 thru F150-0529
F150K	1970	F15000530 thru F15000658
F150L	1971	F15000659 thru F15000738
F150L	1972	F15000739 thru F15000863
F150L	1973	F15000864 thru F15001013
F150L	1974	F15001014 thru F15001143
F150M	1975	F15001144 thru F15001248
F150M	1976	F15001249 thru F15001338
F150M	1977	F15001339 thru F15001428
FA150K	1970	FA1500001 thru FA1500081
FA150L	1971	FA1500082 thru FA1500120
FA150L	1972	FA1500121 thru FA1500166
FA150L	1973	FA1500167 thru FA1500211
FA150L	1974	FA1500212 thru FA1500261

FA150M	1975	FA1500262 thru FA1500281
FA150M	1976	FA1500282 thru FA1500311
FA150M	1977	FA1500312 thru FA1500336
FRA150L	1972	FRA1500121 thru FRA1500166
FRA150L	1973	FRA1500167 thru FRA1500211
FRA150L	1974	FRA1500212 thru FRA1500261
FRA150M	1975	FRA1500262 thru FRA1500281
FRA150M	1976	FRA1500282 thru FRA1500311
FRA150M	1977	FRA1500312 thru FRA1500336
F152	1978	F15201429 thru F15201528
F152	1979	F15201529 thru F15201673
F152	1980	F15201674 thru F15201808
F152	1981	F15201809 thru F15201893
F152	1982	F15201894 thru F15201928
F152	1983	F15201929 thru F15201943
F152	1984	F15201944 thru F15201952
F152	1985	F15201953 thru F15201965
F152	1986	F15201966 thru F15201980
FA152	1978	FA1520337 thru FA1520347
FA152	1979	FA1520348 thru FA1520357
FA152	1980	FA1520358 thru FA1520372
FA152	1981	FA1520373 thru FA1520377
FA152	1982	FA1520378 thru FA1520382
FA152	1983	FA1520383 thru FA1520387
FA152	1985	FA1520388 thru FA1520415
FA152	1986	FA1520416 thru FA1520425
FP172	1963	FP172-0001 thru FP172-0003
F172D	1963	F172-0001 thru F172-0018
F172E	1964	F172-0019 thru F172-0085
F172F	1965	F172-0086 thru F172-0179
F172G	1966	F172-0180 thru F172-0319
F172H	1967	F172-0320 thru F172-0431
F172H	1967	F172-0436 thru F172-0442
F172H	1967	F172-0444 thru F172-0446
F172H	1968	F172-0432 thru F172-0435
F172H	1968	F172-0443
F172H	1968	F172-0447 thru F172-0559
F172H	1969	F172-0560 thru F172-0654
F172H	1970	F17200655 thru F17200754
F172K	1971	F17200755 thru F17200804
F172L	1972	F17200805 thru F17200904

F172M	1973	F17200905 thru F17201034
F172M	1974	F17201035 thru F17201234
F172M	1975	F17201235 thru F17201384
F172M	1976	F17201385 thru F17201514
F172N	1977	F17201515 thru F17201639
F172N	1978	F17201640 thru F17201749
F172N	1979	F17201750 thru F17201909
F172N	1980	F17201910 thru F17202039
F172P	1981	F17202040 thru F17202134
F172P	1982	F17202135 thru F17202194
F172P	1983	F17202195 thru F17202216
F172P	1984	F17202217 thru F17202233
F172P	1985	F17202234 thru F17202238
F172P	1986	F17202239 thru F17202254
FR172E	1968	FR17200001 thru FR17200060
FR172F	1969	FR17200061 thru FR17200145
FR172G	1970	FR17200146 thru FR17200225
FR172H	1971	FR17200226 thru FR17200275
FR172H	1972	FR17200276 thru FR17200350
FR172J	1973	FR17200351 thru FR17200440
FR172J	1974	FR17200441 thru FR17200530
FR172J	1975	FR17200531 thru FR17200559
FR172J	1976	FR17200560 thru FR17200590
FR172K	1977	FR17200591 thru FR17200620
FR172K	1978	FR17200621 thru FR17200630
FR172K	1979	FR17200631 thru FR17200655
FR172K	1980	FR17200656 thru FR17200665
FR172K	1981	FR17200666 thru FR17200675
F177RG	1971	F177RG0001 thru F177RG0042
F177RG	1972	F177RG0043 thru F177RG0062
F177RG	1973	F177RG0063 thru F177RG0092
F177RG	1974	F177RG0093 thru F177RG0122
F177RG	1975	F177RG0123 thru F177RG0138
F177RG	1976	F177RG0139 thru F177RG0160
F177RG	1977	F177RG0161 thru F177RG0177
F182P	1976	F18200001 thru F18200025
F182Q	1977	F18200026 thru F18200064
F182Q	1978	F18200065 thru F18200094
F182Q	1979	F18200095 thru F18200129
F182Q	1980	F18200130 thru F18200169
FR182	1978	FR18200001 thru FR18200020

FR182 1979
FR182 1980

FR18200021 thru FR18200045
FR18200046 thru FR18200070

PURPOSE

To inspect the fuel quantity indicating system for verification that each fuel tank quantity gauge indicates empty when the fuel tank contains only unusable fuel and indicates full when the fuel tank is full. Non-compliance with this service bulletin may result in an incorrect fuel quantity indication. Failure to resolve incorrect fuel quantity indications as well as improper preflight inspections and in-flight planning by the pilot could allow depletion of the airplane fuel supply and subsequent loss of engine power.

COMPLIANCE

Mandatory;

- A. Initial Inspection; shall be accomplished within the next 100 hours of operation or 12 months, whichever occurs first.
- B. After the Initial Inspection has been accomplished, this inspection shall be reaccomplished every 12 months thereafter.

NOTE: Compliance with the repetitive inspection of this revision is required if in compliance with the original issue of this service bulletin.

APPROVAL

FAA approval has been obtained on technical data in this publication that affects airplane type design.

For Reims Aviation airplanes: DGAC approval has been obtained on technical data in this publication that affects airplane type design.

MAN-HOURS

Not determined

MATERIAL

Replacement fuel quantity indicating system components are available from Cessna Parts Distribution through an appropriate Cessna Service Station. Refer to applicable Service Bulletins and Illustrated Parts Catalogs for part numbers.

ACCOMPLISHMENT INSTRUCTIONS

Change In Weight And Balance

None

NOTE: When applicable, refer to appropriate sections of the airplane Service Manual and Owners Manual as required to accomplish this procedure.

WARNING: REMOVE ALL IGNITION SOURCES FROM THE AIRPLANE AND VAPOR HAZARD AREA. SOME TYPICAL EXAMPLES OF IGNITION SOURCES ARE STATIC ELECTRICITY, ELECTRICAL POWERED EQUIPMENT (TOOLS OR ELECTRONIC TEST EQUIPMENT - BOTH INSTALLED ON THE AIRPLANE AND GROUND SUPPORT EQUIPMENT), SMOKING AND SPARKS FROM METAL TOOLS.

WARNING: OBSERVE ALL STANDARD FUEL SYSTEM FIRE AND SAFETY PRACTICES.

1. Disconnect all electrical power from the airplane. Attach maintenance warning tags to the battery connector and external power receptacle stating: **DO NOT CONNECT ELECTRICAL POWER - MAINTENANCE IN PROGRESS.**

2. Electrically ground the airplane.

3. Level the airplane and drain all fuel from wing fuel tanks.

NOTE: Refer to the applicable service manual for adjustment/replacement instructions.

4. Gain access to each fuel transmitter float arm and actuate the arm through the transmitter's full range of travel.

- A. Ensure the transmitter float arm moves freely and consistently through this range of travel. Replace any transmitter that does not move freely or consistently.

WARNING: USE EXTREME CAUTION WHILE WORKING WITH ELECTRICAL COMPONENTS OF THE FUEL SYSTEM. THE POSSIBILITY OF ELECTRICAL SPARKS AROUND AN "EMPTY" FUEL CELL CREATES A HAZARDOUS SITUATION.

- B. While the transmitter float arm is being actuated, apply airplane battery electrical power as required to ensure that the fuel quantity indicator follows the movement of the transmitter float arm. If this does not occur, troubleshoot, repair and/or replace components as required until the results are achieved as stated.

NOTE: Stewart-Warner systems can be adjusted in accordance with the applicable airplane Service Manual. Rochester systems are not adjustable, only component replacement or standard electrical wiring system maintenance practices are permitted.

5. With the fuel selector valve in the "OFF" position, add unusable fuel to each fuel tank.

6. Apply electrical power as required to verify the fuel quantity indicator indicates "EMPTY".

- A. If "EMPTY" is not indicated, adjust, troubleshoot, repair and/or replace fuel indicating components as required until the "EMPTY" indication is achieved.

NOTE: Refer to the applicable service manual for adjustment/replacement instructions.

NOTE: Stewart-Warner systems can be adjusted in accordance with the applicable airplane Service Manual. Rochester systems are not adjustable, only component replacement or standard electrical wiring system maintenance practices are permitted.

7. Fill tanks to capacity, apply electrical power as required and verify fuel quantity indicator indicates "FULL".
 - A. If "FULL" is not indicated, adjust, troubleshoot, repair and/or replace fuel indicating components as required until the "FULL" indication is achieved.

NOTE: Stewart-Warner systems can be adjusted in accordance with the applicable airplane Service Manual. Rochester systems are not adjustable, only component replacement or standard electrical wiring system maintenance practices are permitted.

8. Install any items and/or equipment removed to accomplish this procedure, remove maintenance warning tags and connect the airplane battery.
9. Make an entry in the airplane logbook stating compliance with this Service Bulletin and when this inspection is next due.

NOTE: This information shall be considered an amendment to the Cessna Manufacturer's Service/Maintenance Manual or Instructions for continued airworthiness and must be accomplished for ongoing airworthiness compliance as required per FAR43.13.

CREDIT

Not applicable

OWNER NOTIFICATION

- A. On November 1, 1999, the following Owner Advisory message was sent to applicable owners of record in SEB99-18A.

Dear Cessna Owner:

If your airplane is equipped with a Stewart Warner manufactured fuel quantity indicating system, an inspection of the fuel quantity indicating system is required. The inspection will verify that each fuel tank quantity gauge indicates "EMPTY" when the fuel tank contains only unusable fuel and indicates "FULL" when the fuel tank is full. Non-compliance with Service Bulletin SEB99-18 may result in an incorrect fuel quantity indication. Failure to resolve incorrect fuel quantity indications as well as improper preflight inspections and in-flight planning by the pilot could result in depletion of the airplane fuel supply and subsequent loss of engine power.

Compliance is mandatory;

- A. Initial Inspection; shall be accomplished within the next 100 hours of operation or 12 months, whichever occurs first.
- B. After the Initial Inspection has been accomplished, this inspection shall be reaccomplished every 12 months thereafter.

The information contained in Cessna Service Bulletins shall be considered an amendment to the Cessna Manufacturer's Maintenance Manual or Instructions for continued airworthiness, and must be accomplished for ongoing airworthiness compliance as required per FAR43.13.

Please contact a Cessna Single Engine Service Station for detailed information and make arrangements to have Service Bulletin SEB99-18 accomplished on your airplane.

- B. On April 30, 2001 the following Owner Advisory message will be sent to applicable owners of record in SEB99-18AR1.

Dear Cessna Owner:

This Owner Notification is to advise you that Service Bulletin SEB99-18 Revision 1 has been issued which provides procedures for and inspection of the fuel quantity indicating system. The inspection will verify that each fuel tank quantity gauge indicates "EMPTY" when the fuel tank contains only unusable fuel and indicates "FULL" when the fuel tank is full. Non-compliance with Service Bulletin SEB99-18 Revision 1 may result in an incorrect fuel quantity indication. Failure to resolve incorrect fuel quantity indications as well as improper preflight inspections and in-flight planning by the pilot could result in depletion of the airplane fuel supply and subsequent loss of engine power.

Compliance is mandatory;

- A. Initial Inspection; shall be accomplished within the next 100 hours of operation or 12 months, whichever occurs first.
- B. After the Initial Inspection has been accomplished, this inspection shall be reaccomplished every 12 months thereafter.

NOTE: Compliance with the repetitive inspection of this revision is required if in compliance with the original issue of this service bulletin.

The information contained in the referenced Cessna Service Bulletin shall be considered an amendment to the Cessna Manufacturer's Service/Maintenance Manual or Instructions for continued airworthiness and must be accomplished for ongoing airworthiness compliance as required per FAR43.13.

Please contact a Cessna Single Engine Service Station for detailed information and make arrangements to have Service Bulletin SEB99-18 Revision 1 accomplished on your airplane.

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