



CLASS I

SERVICE INSTRUCTIONS

19,23

No. 0307-282

SUBJECT: FUEL SYSTEM (ENGINE SECTION), DRAINING AND FLUSHING OF MARVEL-SCHIEBLER CARBURETORS

AIRCRAFT AFFECTED: All BEECHCRAFT Musketeer Sport Model 19A, serials MB-400 through MB-460 equipped with Marvel-Schebler carburetor model MA4-SPA, P/N 10-3678-32, serials A-25-14781 through A-26-16246; BEECHCRAFT Musketeer Custom Model B23, serials M-1095 through M-1284 except M-1217, M-1220, M-1222, M-1223, M-1256 through M-1259, M-1261, M-1262, M-1267, M-1268, M-1269, M-1273, M-1274 and M-1281 equipped with Marvel-Schebler carburetor model HA-6, P/N 10-5045, serials BW-0-198 through BW-4-550.

REASON FOR COMPLIANCE: To remove any contaminants from the carburetor bowl and comply with Marvel-Schebler Bulletin No. A1-69.

ACCOMPLISHMENT: As soon as possible after receiving these service instructions, but within the next 25 hours of flight time.

DESCRIPTION: On the above noted aircraft, the Marvel-Schebler carburetors should be drained and flushed, as instructed in the attached Marvel-Schebler Bulletin No. A1-69, to remove any contaminants from the carburetor bowl.

After complying with these service instructions, enter an appropriate statement in the engine log book and return the attached compliance card to Beech Aircraft Corporation.

NOTE

The carburetor serial number must be entered in the engine log book and on the compliance card along with the aircraft model and serial number.

COMPLIANCE CARD RETURN REQUIRED

None

1169

Beech Aircraft Corporation issues service information for the benefit of owners and fixed base operators in the form of three classes of Service Instructions. CLASS I (Red Border) are changes, inspections, and modifications that could affect safety. The factory considers compliance mandatory. CLASS II (Green Border) covers changes, modifications, improvements or inspections the factory feels will benefit the owner and although highly recommended, they are not considered mandatory compliance, unless specified at the time of issuance. Class I and II are mailed to:

- (a) BEECHCRAFT Aero or Aviation Centers and International Distributors and Dealers
- (b) Owners of record on the FAA Registration list and the

BEECHCRAFT International Owner Notification Service List (c) Those having a publications subscription

CLASS III (No Border) covers changes which are optional, maintenance aids, product improvement kits and miscellaneous service information. Compliance is at the owner or operator's prerogative. Copies of Class III are distributed per a and c above. Information on Owner Notification Service or Subscriptions can be obtained through any BEECHCRAFT Aero or Aviation Center, International Distributor and Dealer, or the Factory. As Service Instructions are issued, temporary notation in the index should be made until the index is revised. Warranty will be allowed only when specifically defined in the Service Instructions and in accordance with Beech Warranty Policy.

98-34239D



Member of GAMA
General Aviation
Manufacturers Association

CLASS I



SERVICE BULLETIN



A1-69

November 17, 1969

TO: ALL OUTLETS

SUBJECT: REQUIRED INSPECTION OF THE DRAIN PLUGS FOR EXCESSIVE THREAD LUBRICANT

CARBURETORS AFFECTED: ALL MODELS AS LISTED ON ATTACHED LIST
ALSO REFER TO THE SERVICE INSTRUCTIONS ISSUED BY THE
AIRFRAME AND ENGINE MANUFACTURERS ON THIS SAME SUBJECT.COMPLIANCE TIME: WITHIN THE NEXT 25 FLIGHT HOURS, BUT NO LATER THAN 90 DAYS
FOR CARBURETORS ON AIRCRAFT.PROCEDURE FOR CARBURETOR ON AIRCRAFT

IT IS NECESSARY TO REMOVE THE DRAIN PLUGS FROM SUBJECT CARBURETORS AND FLUSH THE CARBURETOR OUT WITH THE FUEL SUPPLY ON, IN ORDER TO REMOVE ANY FOREIGN MATERIAL. WHEN PRACTICAL, PLACE AIRCRAFT IN AN ATTITUDE TO IMPROVE DRAINING TOWARD BOWL OUTLET. FLUSH FOR 20 TO 30 SECONDS. AFTER FLUSHING, CAREFULLY INSPECT THE DRAIN PLUG CAVITY AND REMOVE ANY CONTAMINATION WHICH MAY REMAIN AND THEN REFLUSH WITH THE FUEL ON TO ASSURE THAT ANY DISLODGED CONTAMINATE IS REMOVED.

CAUTION: TAKE ALL NECESSARY PRECAUTION WHEN FLUSHING WITH GASOLINECLEAN THE DRAIN PLUG AND REINSTALL ONE THREAD INTO IT'S CAVITY. THEN, APPLY PARKER SEALUBE, OR EQUIVALENT, THREAD LUBRICANT AND TIGHTEN IN PLACE. RECOMMENDED TORQUE:

1/8" PIPE PLUGS 50 - 60 IN. LBS.

1/4" PIPE PLUGS 120 - 144 IN. LBS.

STAMP NAMEPLATE WITH "A1" TO INDICATE COMPLIANCE WITH THIS BULLETIN. NOTE: CERTAIN APPLICATIONS ARE IMPOSSIBLE TO STAMP THE NAMEPLATE WHILE ON THE AIRCRAFT; THEREFORE, APPLY A DOT OF YELLOW ENAMEL NEAR THE NAMEPLATE TO INDICATE COMPLIANCE. RECORD CARBURETOR SERIAL NUMBER AND COMPLIANCE IN LOGBOOK.

PROCEDURE FOR DETACHED UNITS

SERVICE ALL SUBJECT DETACHED UNITS IN THE SHOP AND BOXED SERVICE CARBURETORS IN THE STOREROOM BY REMOVAL AND CLEANING OF DRAIN PLUG. NOTE: DRAIN PLUG OPENING SHOULD BE DOWNWARD DURING LOOSENING AND REMOVAL OF DRAIN PLUG AND WHILE CLEANING PLUG CAVITY. EXAMINE DRAIN PLUG CAVITY, WIPE OUT ANY RESIDUE AND REINSTALL DRAIN PLUG AS ABOVE. STAMP NAMEPLATE WITH "A1" TO INDICATE COMPLIANCE WITH THIS BULLETIN.

FAA APPROVED

MARVEL-SCHEBLER DIVISION
BORG-WARNER CORPORATION

NOTE: Use only the letter and last series of digits of the serial number - the center number is a Marvel-Schebler internal control number.

PART NO. A10-4654
Serial No. BN-3-112
thru
BN-3-125

PART NO. A10-4809
Serial No. BA-14-203
thru
BA-14-207

PART NO. A10-4865
Serial No. BC-14-530
(16)
thru
BC-14-574
BC-14-584
BC-14-593
thru
BC-14-596
BC-14-604
thru
BC-14-606
BC-14-612
BC-14-614
BC-14-617
BC-14-626
BC-14-629
BC-14-638
BC-14-644
BC-14-646
BC-14-647
BC-14-653
BC-14-654
BC-14-673
BC-14-676
BC-14-681
BC-14-688
thru
BC-14-691
BC-14-694
BC-14-696
BC-14-697
BC-14-700
BC-14-704

PART NO. A10-3965-12
Serial No. H-3-6894
thru
H-3-6896

PART NO. A10-4115-1
Serial No. AV-4-4094

PART NO. A10-4233
Serial No. P-22-460
thru
P-22-464

PART NO. A10-4240
Serial No. AU-15-235
thru
AU-15-244

PART NO. A10-4252
Serial No. Q-23-2422
thru
Q-23-2433
Q-23-2435
Q-23-2436

PART NO. A10-4893
Serial No. BD-13-3946
(15)
thru
BD-13-3974
BD-13-3976
thru
BD-13-4042
BD-13-4044
thru
BD-13-4056

PART NO. A10-4893 (Cont'd)
Serial No. BD-13-4058
thru
BD-13-4084
BD-13-4087
thru
BD-13-4093
BD-13-4095
thru
BD-13-4111
BD-13-4113
thru
BD-13-4129
BD-13-4131
thru
BD-13-4143
BD-13-4145
thru
BD-13-4147
BD-13-4149
thru
BD-13-4153
BD-13-4155
thru
BD-13-4162
BD-13-4164
BD-13-4165
BD-13-4167
BD-13-4169
thru
BD-13-4178
BD-13-4180
thru
BD-13-4195
BD-13-4197
thru
BD-13-4200
BD-13-4202
BD-13-4203
BD-13-4205
thru
BD-13-4213
BD-13-4215
thru
BD-13-4217
BD-13-4219
thru
BD-13-4222
BD-13-4226
BD-13-4227

PART NO. A10-4893 (Cont'd)

Serial No. BD-13-4229
thru
BD-13-4231
BD-13-4235
BD-13-4237
BD-13-4239
thru
BD-13-4245
BD-13-4250
BD-13-4256
BD-13-4262
BD-13-4265
thru
BD-13-4270
BD-13-4272
thru
BD-13-4275
BD-13-4278
BD-13-4280
BD-13-4281
BD-13-4288
BD-13-4290
thru
BD-13-4292
BD-13-4296
BD-13-4298
BD-13-4301
BD-13-4318
BD-13-4324
BD-13-4326
BD-13-4329
BD-13-4337
BD-13-4339
thru
BD-13-4344
BD-13-4346
BD-13-4349
BD-13-4350
BD-13-4353
BD-13-4354
BD-13-4356
BD-13-4366
BD-13-4367
BD-13-4369
thru
BD-13-4390
BD-13-4392
thru
BD-13-4396

PART NO. A10-4893 (Cont'd)

Serial No. BD-13-4399
BD-13-4400
BD-13-4402
BD-13-4404
thru
BD-13-4410
BD-13-4412
thru
BD-13-4414
BD-13-4416
BD-13-4417
BD-13-4422
thru
BD-13-4424
BD-13-4427
BD-13-4431
thru
BD-13-4435
BD-13-4437
BD-13-4443
BD-13-4453
BD-13-4456
BD-13-4459
BD-13-4461
BD-13-4463
thru
BD-13-4466
BD-13-4469
BD-13-4470
BD-13-4473
BD-13-4476
thru
BD-13-4478
BD-13-4480
BD-13-4482
BD-13-4484
thru
BD-13-4486
BD-13-4497
thru
BD-13-4500
BD-13-4502
BD-13-4504
thru
BD-13-4506
BD-13-4508
BD-13-4510
thru
BD-13-4512

PART NO. A10-4893 (Cont'd)

Serial No. BD-13-4514
BD-13-4515
BD-13-4517
thru
BD-13-4519
BD-13-4521
thru
BD-13-4523
BD-13-4525
thru
BD-13-4528
BD-13-4530
BD-13-4531
BD-13-4534
BD-13-4535
BD-13-4538
thru
BD-13-4544
BD-13-4546
BD-13-4547
BD-13-4549
thru
BD-13-4552
BD-13-4554
thru
BD-13-4557
BD-13-4559
BD-13-4561
BD-13-4562
BD-13-4564
BD-13-4566
BD-13-4567
BD-13-4569
thru
BD-13-4575
BD-13-4577
thru
BD-13-4579
BD-13-4581
thru
BD-13-4585
BD-13-4587
BD-13-4588
BD-13-4590
thru
BD-13-4598
BD-13-4600
BD-13-4601
BD-13-4606

PART NO. A10-4893 (Cont'd)

Serial No. BD-13-4623
BD-13-4626
BD-13-4629
BD-13-4631
BD-13-4632
BD-13-4637
BD-13-4639
BD-13-4644
thru
BD-13-4647
BD-13-4653
BD-13-4654
BD-13-4657

PART NO. A10-4894

Serial No. BE-14-10218
(15)
thru
BE-14-10262
BE-14-10264
BE-14-10265
BE-14-10267
BE-14-10269
BE-14-10271
thru
BE-14-10273
BE-14-10275
BE-14-10276
BE-14-10278
BE-14-10279
BE-14-10281
BE-14-10282
BE-14-10285
thru
BE-14-10288
BE-14-10290
BE-14-10292
BE-14-10294
BE-14-10297
BE-14-10299
BE-14-10300
BE-14-10302
BE-14-10303
BE-14-10307
BE-14-10308
BE-14-10310
thru
BE-14-10320

PART NO. A10-4894 (Cont'd)

Serial No. BE-14-10322
thru
BE-14-10332
BE-14-10334
BE-14-10335
BE-14-10337
BE-14-10338
BE-14-10340
BE-14-10342
thru
BE-14-10344
BE-14-10346
BE-14-10348
thru
BE-14-10352
BE-14-10354
thru
BE-14-10356
BE-14-10358
thru
BE-14-10361
BE-14-10363
thru
BE-14-10367
BE-14-10369
BE-14-10374
BE-14-10377
thru
BE-14-10379
BE-14-10381
BE-14-10382
BE-14-10390
BE-14-10391
BE-14-10393
BE-14-10395
thru
BE-14-10408
BE-14-10410
thru
BE-14-10412
BE-14-10414
thru
BE-14-10469
BE-14-10471
thru
BE-14-10486
BE-14-10488
thru
BE-14-10491
BE-14-10494
thru
BE-14-10498

PART NO. A10-4894 (Cont'd)

Serial No. BE-14-10501
BE-14-10502
BE-14-10504
thru
BE-14-10527
BE-14-10530
thru
BE-14-10533
BE-14-10537
BE-14-10539
BE-14-10544
BE-14-10546
BE-14-10549
BE-14-10550
BE-14-10552
BE-14-10554
BE-14-10557
BE-14-10559
BE-14-10561
BE-14-10563
BE-14-10565
thru
BE-14-10572
BE-14-10574
BE-14-10575
BE-14-10579
BE-14-10582
thru
BE-14-10585
BE-14-10588
thru
BE-14-10592
BE-14-10594
BE-14-10595
BE-14-10598
thru
BE-14-10600
BE-14-10605
thru
BE-14-10610
BE-14-10612
thru
BE-14-10614
BE-14-10616
BE-14-10618
thru
BE-14-10622
BE-14-10624
thru
BE-14-10627
BE-14-10629
thru
BE-14-10633

