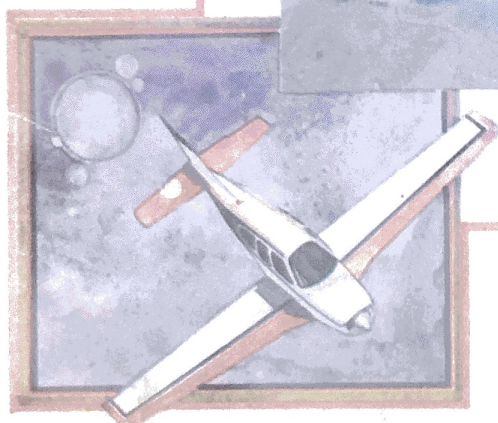


Beechcraft BONANZA KITS



GENUINE



PARTS & EQUIPMENT



BONANZA

KITS

1978



Member of GAMA
General Aviation
Manufacturers Association

November, 1978

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INTENTIONALLY LEFT BLANK

EXTERIOR

33-19-1 P

DORSAL FIN

33, A33

Improve the modern, swept-back styling of your Bonanza. A streamlined union between the fuselage and tail section adds beauty and reduces drag.

Wt. Change: + 1 lb. @ + 244

Est. Man/Hrs: 2

35-4001 P

S35 TYPE WING TIPS

33, A33, B33, C33, C33A
A35 through S35, 36

Improve the appearance of your Bonanza with the S35 type wing tip.

Wt. Change: + 1.72 to + 4.50 lbs. @ + 90

Est. Man/Hrs: 6

35-4008-1 S

OUTBOARD WING SPAR

33 through G33
35 through V35B
36 through A36

Provides the necessary information to install a new commonality outboard wing spar. Spar assembly and installation hardware are not part of this kit.

Wt. Change: Negligible

Est. Man/Hrs: N/A

35-5000-1 P

EXTERNAL POWER RECEPTACLE (LH)

B33 through G33 (CD-736 and after)
35, A35 (D-1 through D-1116) S35 (D-7310 through D-7976)

35-5000-2 P

EXTERNAL POWER RECEPTACLE (RH)

33, A33, B33 (CD-388 through CD-735)
A35 through S35 (D-1117 through D7976)

35-5000-6 P

EXTERNAL POWER RECEPTACLE (RH)

E33A, E33C, S35 (D-7977 and after)
V35, V35A, V35B, 36, A36

Add a three-prong power receptacle for utilization of any standard external power source.

Wt. Change: + 2 lbs. @ + 41

Est. Man/Hrs: 5

EXTERIOR (Cont'd)

35-588 S

WING HINGE PIN TOOL

33-All, 35-All, 36-All

The telescoping hinge pin tube helps prevent damage to the hinges and hinge pins during wing mating (box to spar and leading edge to spar) and greatly reduces time required for wing assembly.

Wt. Change: N/A

Est. Man/Hrs: N/A

35-595 S

CABIN DOOR HANDLE

C35, D35

(Ref. S.B. 35-595 or subsequent)

Provides a positive means of securing the cabin door handle to the handle operating shaft.

Wt. Change: Negligible

Est. Man/Hrs: 4

35-602 S

ELEVATOR REINFORCEMENT

35 (prior to D-4001)

(Ref. S.L. No. 35-28 or subsequent)

Includes materials and information to repair broken elevator tab hinges.

Wt. Change: Negligible

Est. Man/Hrs: 2

35-660 M

M35 TYPE WING TIPS

33, A33, B33, C33, C33A

A35 through K35

The high cambered M35 wing tips add beauty and the utility of the advanced design.

Wt. Change: + 3 lbs. @ + 90

Est. Man/Hrs: 6

35-668-1 M DS

WING TIP FUEL TANKS - 20 GALLON (2 bladed propeller only)

33 through C33

J35 through P35

35-668-3 M DS

WING TIP FUEL TANKS - 20 GALLON (2 bladed propeller only)

A35 through H35

EXTERIOR (Cont'd)

35-668-5 M DS WING TIP FUEL TANKS - 20 GALLON
(14 volt system w/2 bladed propeller only)

C33A, E33A
S35, V35, V35A, V35B

Increase the range of your Bonanza by adding 40 gallons of fuel capacity. Complete instructions included for adding two 20 gallon wing tip tanks.

Wt. Change: N35 and P35 only = +22 lbs. @ +90 Est. Man/Hrs: 40
All other airplanes = +24 lbs. @ +90

35-676-1 M EXTERNAL POWER CABLE AND RECEPTACLE

33, A33, B33
35 through P35

Provides an effective way to supply external power for engine starting assistance, minimizes battery drain and extends battery service life. Useful for checking electrical equipment without operating the engine. Includes a round external power receptacle and a cable with a mating connector on one end and alligator clips on the other. Operates from any 12 VDC power supply.

Wt. Change: +1.3 lbs. @ +37 Est. Man/Hrs: 5

35-683-13 P LARGE THIRD WINDOW (TINTED)

35-683-17 P LARGE THIRD WINDOW (CLEAR)

33, A33, B33
35 through M35, 35R

Increases flight safety by improving pilot's rear visibility and provides rear seat passengers a better view. The large inverted teardrop window replaces the small third window or adds a third window in the aft cabin area.

Wt. Change: 33 with small window = +6 lbs. @ +151 Est. Man/Hrs: 85
33 without small window = +9 lbs. @ +151
35 with small window = +5 lbs. @ +160
35 without small window = +7 lbs. @ +160

35-9006 P HARTZELL CONSTANT SPEED PROPELLER

35 through G35, 35R

Furnishes a hydraulically controlled constant speed propeller, governor, governor drive and instructions on the "E" series Continental engine.

Wt. Change: See kit Est. Man/Hrs: 35

IMPORTANT
PLEASE READ

The letter "C" following a kit number indicates that the kit contains upholstery, leather, or material which must match the original equipment. The serial number of the airplane in which the "C" kits are to be installed must accompany the order so that matching material, color, etc. can be selected. "C" kits are not manufactured until an order is received. Please allow sufficient time for manufacture and shipping.

Contact your BEEHCRAFT Aero or Aviation Centers and International Distributors and Dealers for additional information on kits in which you are particularly interested.

Beech Aircraft Corporation expressly reserves the right to supersede, cancel and/or declare obsolete any parts, part numbers, kits or publications that may be referenced in this manual without prior notice.

EXTERIOR (Con'd)

35-9009-1 S 40 GALLON FUEL CELL (LH)

35-9009-2 S 40 GALLON FUEL CELL (RH)

35-9009-3 S 25 GALLON FUEL CELL (LH)

35-9009-4 S 25 GALLON FUEL CELL (RH)

33 through G33, K35 through V35B, 36 and A36
(Ref. S.I. No. 0459-281 or subsequent)

Kits include all parts and information to replace original fuel cells with new commonality fuel cells.

Wt. Change: Negligible

Est. Man/Hrs: 12(ea)

35-9009-5 S FUEL CELL
(Velcro Tape)

(Ref. S.I. No. 0365-281, Rev. 1, or subsequent)

Provides parts and information for installing Velcro tape on the fuel cell liner when baffled leading edge fuel cells are installed. Compliance is considered mandatory unless Kit No. 35-9009 S has been installed in accordance with Service Instructions No. 0365-281 (no revision). See Service instructions for details.

Wt. Change: Negligible

Est. man/Hrs: 4

35-9010 M COWL LATCH

33 through F33C
H35 through V35B
36, A36 (E-1 through E-115)

Replace Dzus fasteners with a new style latch system for easier engine access.

Wt. Change: + 3 lbs. @ + 30

Est. Man/Hrs: 20

36-4001-1 S CARGO DOOR LATCH

36, A36 (E-1 through E-608)
(Ref. S.I. No. 0658-107 or subsequent)

Replace the forward cargo/utility door latch with a new system that features a more positive overcenter latching mechanism and improved wear capability.

Wt. Change: Negligible

Est. Man/Hrs: 3

55-23-3 P C BAGGAGE UTILITY DOOR

S35 through V35B

Simplify baggage handling by installing this enlarged utility door. Permits easier loading and unloading.

Wt. Change: + 8 lbs. @ + 152

Est. Man/Hrs: 80

EXTERIOR (Cont'd)

55-4016 P

ONE PIECE WINDSHIELD

33 through B33

35 through N35 (Only when Kit 35-693 has been installed)

P35 through S35

Install the new, one piece windshield for improved visibility, comfort and styling. Kit includes a new O.A.T. indicator.

Wt. Change: + 4 lbs. @ + 68

Est. Man/Hrs: 30

INTERIOR

35-618 P

CIGARETTE LIGHTER

33 through F33C

35 through V35B

Add a convenient cigarette lighter to your Bonanza!

Wt. Change: Negligible

Est. Man/Hrs: 1

35-663-1 AM

CONTROL WHEEL (SINGLE)

35-663-3 AM

CONTROL WHEEL (DUAL)

33 through B33

35 through M35

Install a comfortable, hand contoured control wheel and improve instrument visibility. Replaces ram's horn control wheel only.

Wt. Change: Negligible

Est. Man/Hrs: Single 2

Dual 3

35-674-1 M

FRESH AIR DUCT
(Four place system only)

33, A33, 35 through N35

The centrally located air outlets provide greater comfort and flexibility in cabin air distribution.

Wt. Change: + 3 lbs. @ + 111

Est. Man/Hrs: 40

35-681-1 P

CURTAIN HARDWARE (4 WINDOWS)

35-681-3 P

CURTAIN HARDWARE (6 WINDOWS)

35-681-5 P

CURTAIN HARDWARE (LARGE THIRD WINDOW ONLY)

INTERIOR (Cont'd)

- 35-681-9 PC CURTAINS (4 WINDOWS)
35-681-11 PC CURTAINS (6 WINDOWS)
35-681-13 PC CURTAINS (LARGE THIRD WINDOW ONLY)

33 through G33 (CD-1 through CD-1254)
C33A, E33A and F33A (CE-1 through CE-349)
E33C and F33C (CJ-1 through CJ-29)
35 through V35B (D-1 through D-9286)

Beautify your Bonanza with color co-ordinated curtains. The hardware and curtain kits combine to add curtains for various window configurations. Please specify airplane serial number when ordering for proper selection of curtain color.

Wt. Change. See kit drawing

Est. Man/Hrs: 1 to 4

See kit drawing

- 35-693 M INSTRUMENT PANEL

33, A33
35 through N35

Customize your instrument panel with instruments located to your desire. The blank instrument panel allows relocation of instruments to your particular specification. Includes glareshield (unfinished).

NOTE: If battery box interference is encountered, install Kit 35-3001 M.

Wt. Change: Negligible

Est. Man/Hrs: 100 avg.

- 35-701 S ROTON SEAT BACK ADJUSTMENT ADAPTATION

35's with Universal Chair Installation

Adapt the Universal chair to accommodate the Roton Seat Back Adjustment in place of the Porter Hydrolock. Roton unit is not included.

Wt. Change. Negligible

Est. Man/Hrs: 4

- 36-5003-5 P FIFTH SEAT SUPPORT

F33A (CE-465 and after)
V35B (D-9538 and after)

Provides bracketry for adding a fifth seat. The seat required is not included and must be ordered separately.

Wt. Change: + 15 @ + 151 ea.

Est. Man/Hrs: 20 ea.

PERFORMANCE

35-603 P LANDING GEAR DOOR MODIFICATION

35 through E35 (D-1501 through D-3998)

Provide an extra margin of safety by increasing the emergency only gear down speed to 175 mph (IAS). Includes complete instructions for modification and placard.

Wt. Change: Negligible

Est. Man/Hrs: 6

35-604 P LANDING GEAR DOOR MODIFICATION

35 (D-1 through D-1500)

Similar to Kit 35-603 P. Increases the landing gear emergency extension speed to 160 mph (IAS).

Wt. Change: Negligible

Est. Man/Hrs: 6

WEATHER EQUIPMENT

33-17 S WINTER BAFFLES

33, A33

Increase cabin comfort and reduce engine wear with engine cowling baffles. Provides faster engine warm-up during cold weather operation.

Wt. Change: Negligible

Est. Man/Hrs: 1

33-2 P HEATED PITOT

A33 through E33

35 through V35A

(14 volt system only)

Heated pitot tube prevents moisture from freezing in the pitot mast. This is an invaluable aid in maintaining the accuracy of airspeed instruments under icing conditions.

Wt. Change: + 1 lb. @ + 74

Est. Man/Hrs: 4

35-5013-1 S EMERGENCY STATIC AIR

33 through E33C

35 through V35A

36 and A36

Install an alternate static air source for added winter flying protection. Allows selection of static air from the cockpit area for operation during inclement weather.

Wt. Change: Negligible

Est. Man/Hrs: 8

WEATHER EQUIPMENT (Cont'd.)

35-9005 P ELECTROTHERMAL PROPELLER DEICE
(3-Blade McCauley Propeller)
C33A, E33A, F33A
S35, V35, V35A, V35B
36 and A36

(with 3A32C76/82NB2 prop and D-3584 spinner installed)

Provide protection from propeller ice build-up during inclement weather. The electrical heating units loosen ice and help prevent accumulation for safer, more efficient weather flying.

Wt. Change: 35-9005 P = + 9.5 lbs. @ + 22

Est. Man/Hrs: 30 ea.

SAFETY EQUIPMENT

33-3004-1 S LANDING GEAR SAFETY SWITCH

F33 through G33, F33A, F33C,
S35, V35 through V35B-TC
(with 14 volt electrical systems only)
(Ref. S.I. No. 0938 or subsequent)

Add an extra margin of safety while on the ground with the installation of an additional landing gear safety switch to prevent inadvertent operation of the landing gear retract system.

Wt. Change: None

Est. Man/Hrs: 15

35-3012-1 P STANDBY GENERATOR

33 through F33C
H35 through V35B (except turbocharged)
36 and A36
(with 14 volt electrical systems only)

Provides a standby generator installation for emergency power (approx. 8 amps) for communication and navigation circuitry.

Wt. Change: 36, A36 = + 6 lbs. @ + 36

Est. Man/Hrs: 20 plus

All others = + 6 lbs. @ + 46

electrical

35-3016-1 S LANDING GEAR SAFETY SWITCH

33, A33, C35 through S35
(Ref. S.I. No. 0938 or subsequent)

Add an extra margin of safety while on the ground with the installation of an additional landing gear safety switch to prevent inadvertent operation of the landing gear retract system.

Wt. Change: Negligible

Est. Man/Hrs: 15

SAFETY EQUIPMENT (Cont'd.)

35-3017-5 P STROBE LIGHT - THREE LIGHTS

33 through F33C
A35 through V35B
36 and A36

(available only with the 14 volt electrical systems and with commonality wing tip kit 35-4010-1 P and tail cone kit 35-4011-1 P or -3 P installed)

Provides an extra margin of safety with a strobe light installation to insure more positive identification and location of the aircraft.

Wt. Change: + 8.79 lbs. @ + 156 ARM + 1369 moment Est. Man/Hrs: N/A

35-4010-1 P WING TIPS

33 through G33 (CD-1 through CD-1304)
C33A through F33A (CE-1 through CE-435)
A35 through V35B (D-1501 through D-9467)
36 and A36 (E-1 through E-423)

Provide an extra margin of safety and improve appearance of your aircraft by adding wing tips that will accept the strobe lights.

Wt. Change: Negligible Est. Man/Hrs: N/A

35-4011-1 P TAIL CONE

35 through V35B (D-1 through D-9564)
(not applicable with loop antenna in tail cone)

35-4011-3 P TAIL CONE

33 through G33
C33A through F33A (CE-1 through CE-345)
36 and A36 (E-1 through E-511)
(not applicable with loop antenna in tail cone)

Add an extra margin of safety and improve appearance by adding the new long tail cone to accommodate the strobe light.

Wt. Change: Negligible Est. Man/Hrs: N/A

35-4012-1 S NOSE GEAR DRAG LEG
(replaces gear brace assembly 95-824018-3)

A33 through G33
C33A through F33A (CE-1 through CE-731)
E33C and F33C (CJ-1 through CJ-128)
N35 through V35B
36 and A36 (E-1 through E-1102)

Install the improved nose gear brace to improve stability and add extra safety features to your aircraft.

SAFETY EQUIPMENT (Cont'd.)

35-5030 S FUEL SELECTOR WARNING LIGHT

35 through C35 (D-1 through D-2900)
(Ref. S.I. No. 0243-289 or subsequent)

Install a warning light to indicate when the fuel selector handle is not positively engaged.

Wt. Change: Negligible

Est. Man/Hrs: 8

35-5034-1 P SHOULDER HARNESS (BEIGE)

35-5034-3 P SHOULDER HARNESS (BLACK)

33 through B33

35 through S35

Add an extra margin of safety with comfortable shoulder harness, complete with convenient inertia reel. Includes parts and information to install new seat belts and shoulder harnesses for both the pilot and copilot seats.

Wt. Change: + 4 lbs. @ + 97

Est. Man/Hrs: 24

35-543 P SAFETY SWITCH BOOT

35 through K35

Install a replacement landing gear safety switch boot to ensure proper moisture protection.

Wt. Change: Negligible

Est. Man/Hrs: 5

36-3003-1 S LANDING GEAR SAFETY SWITCH

B33 through E33 (CD-388 through CD-1234)

C33A and E33A (CE-1 through CE-250, CE-260, CE-264 through
CE-268 and CE-270 through CE-289)

E33C (CJ-1 through CJ-25), 36 (E-1 through E-184)

(Ref. S.I. No. 0938 or subsequent)

Add an extra margin of safety while on the ground with the installation of an additional landing gear safety switch to prevent inadvertent operation of the landing gear retract system.

Wt. Change: None

Est. Man/Hrs: 15

55-5012-1 P SHOULDER HARNESS (BEIGE)

55-5012-3 P SHOULDER HARNESS (BLACK)

C33 through G33 (CD-814 through CD-1256)

C33A through F33A (CE-1 through CE-350)

E33C, F33C (CJ-1 and after)

V35 through V35B (D-7977 through D-9287)

36, A36 (E-1 through E-283)

SAFETY EQUIPMENT (Cont'd.)

58-5005-1 P

SHOULDER HARNESS (BEIGE)

F33A (CE-358 and after)

G33 (CD-1269 and after)

V35B (D-9308 and after)

A36 (E-313 and after)

58-5005-3 P

SHOULDER HARNESS (BEIGE)

F33A (CE-351 through CE-357)

G33 (CD-1257 through Cd-1268)

V35B (D-9288 through D-9307)

A36 (E-284 through E-312)

Add an extra margin of safety with comfortable shoulder harness, complete with convenient inertia reel. Includes parts and information to install new seat belts and shoulder harnesses for both the pilot and copilot seats.

Wt. Change: + 4 lbs. @ + 97

Est. Man/Hrs: 24

PRODUCT IMPROVEMENT

278-0002 S PROPELLER PITCH CONTROL MODIFICATION

H35 through P35

(Ref. S. I. No. 0302-248 or subsequent)

Provides an improved propeller blade pitch control mechanism through modification of the 278 propeller, pitch control bolts and yoke.

Wt. Change: Negligible

Est. Man/Hrs: 25

33-3001 M

60 AMPERE ALTERNATOR

33 through C33

H35 through P35

(with O-470 or IO-470 engines)

Replace the generator with a new 60 ampere alternator for higher charging rate at lower rpm. Reduces weight and lowers maintenance cost.

Wt. Change: - 4 lbs. @ + 39

Est. Man/Hrs: 40

PRODUCT IMPROVEMENT (Cont'd.)

33-8002-1 P

DUAL BRAKE SYSTEM

B33 through F33 (CD-736 through CD-1243)
C33A through F33A (CE-1 through CE-301)
E33C through F33C (CJ-1 through CJ-26)
P35 through V35B (D-6841 through D-9125)

33-8002-3 P

DUAL BRAKE SYSTEM

F33 (CD-1244 and after) and G33
F33A (CE-302 and after)
F33C (CJ-27 and after)
V35B (D-9126 and after)

Provides information necessary to install brake pedals, plumbing, etc. for the copilot (RH) position.

Wt. Change: + 4 lbs.

Est. Man/Hrs: 40

33-9003-1 S

MIXTURE CONTROL (replaces 33-380005-1 mixture control)

33, A33 and B33

Provides parts and information to install an improved mixture control cable for easier operation and longer service life.

Wt. Change: None

Est. Man/Hrs: 3.0

35-3001 M

BATTERY BOX RELOCATION

33, A33
35 through M35

Increase equipment space forward of the instrument panel by installation of the battery box forward of the firewall. This kit may be used in conjunction with Kit 35-693 M, Instrument Panel Kit, for customizing instrument and equipment layout.

Wt. Change: Negligible

Est. Man/Hrs: 20

35-3002 M

RADIO COOLING VENT

35 through S35

Install air lines and deflector pans to provide a ram air supply for cooling radio and electronic equipment.

Wt. Change: Negligible

Est. Man/Hrs: 6

35-3013-1 S

OVERVOLTAGE RELAY

33, 35 (with RBM 138-1 relays)

Provides the parts and information to replace the RBM overvoltage relay with a new relay. This kit is required for initial replacement of the RBM relay.

Wt. Change: Negligible

Est. Man/Hrs: 2

PRODUCT IMPROVEMENT (Cont'd)

35-3014-1 S DYNAMIC BRAKE RELAY REMOVAL

35 (D-201 through D-1500)
(If Kit No. 35-592 has not been installed)
(Ref. S. I. 0879-218 or subsequent)

Provides parts and information to remove the dynamic brake relay and rewire the noted airplanes.

Wt. Change: None.

Est. Man/Hrs:

35-3018-1 S OVERVOLTAGE RELAY (replaces 36-369010-39 relay)

33, H35 through V35B, 36 and A36
(14 volt systems only)

Provides parts and instructions to install an improved overvoltage relay with longer service life.

Wt. Change: None

Est. Man/Hrs: 1

35-4002 M ACCESS DOOR

S35

Provides information to install an access door on the closure web of bulkhead 170.00 in order to have better accessibility to the autopilot servos.

Wt. Change: Negligible

Est. Man/Hrs: 8

35-4003 S STEP RETURN SPRING

35 through M35
(Ref. S.L. 65-32 or subsequent)

Improve step retraction and service life by replacing the Bungee cords with a maintenance saving assist step return spring.

Wt. Change: Negligible

Est. Man/Hrs: 4

35-576 S FUEL UNIT

35 through C35

Provides parts and information necessary for installation of a new style fuel unit to comply with an FAA A.D. This is considered a mandatory modification.

Wt. Change: Negligible

Est. Man/Hrs: 20

35-620 S OIL SEPARATOR

A35 through G35

Reduce oil accumulation on lower fuselage skin and minimize oil loss with the installation of new oil separator and lines in the crankshaft breather line area.

Wt. Change: Negligible

Est. Man/Hrs: 6

PRODUCT IMPROVEMENT (Cont'd)

35-8003 M

PARKING BRAKE VALVE

33 through G33
E33C

F33A (CE-290 through CE-302)
35 through V35B (D-1 through D-9175)

Reduce maintenance costs and increase the service life of the master cylinders. This improved hydraulic brake system incorporates a remote controlled valve which functions as a parking brake in place of the locking type master cylinders.
Wt. Change: Negligible

Est. Man/Hrs: 10

35-8004 P

CLEVELAND WHEEL AND BRAKE

33 through G33
35 through V35B (except D-15002)

Provides all parts and information to install the new Cleveland wheels, tires and brakes.

Wt. Change: Negligible

Est. Man/Hrs: 8

35-9014-1 S

ENGINE INSTRUMENT CLUSTER

35 through G35 (D-1 through D-4865)

35-9014-3 S

ENGINE INSTRUMENT CLUSTER

H35 (D-4866 through D-5061 and D-5063 through D-5330)

35-9014-5 S

ENGINE INSTRUMENT CLUSTER

J35, K35, M35 (D-5062 and D-5331 through D-6561)
33 and A33 (CD-1 through CD-387)

35-9014-7 S

ENGINE INSTRUMENT CLUSTER

N35 (D-6562 through D-6841 with standard fuel tanks)

35-9014-9 S

ENGINE INSTRUMENT CLUSTER

N35 (D-6562 through D-6841 with
optional 39 gal. fuel tanks)

PRODUCT IMPROVEMENT (Cont'd)

35-9014-11 S ENGINE INSTRUMENT CLUSTER
P35 (D-6842 through D-7078 with standard fuel tanks)
33 and A33 (CD-388 through CD-625)

35-9014-13 S ENGINE INSTRUMENT CLUSTER
P35 (D-6842 through D-7139 and D-7141 through
D-7309 with optional 39 gal. fuel tanks)

35-9014-15 S ENGINE INSTRUMENT CLUSTER
P35 (D-7080 through D-7139 and D-7141 through
D-7309 with standard fuel tanks)
33, B33, C33 and E33 (CD-626 through CD-1234 with
standard fuel tanks)

35-9014-17 S ENGINE INSTRUMENT CLUSTER
P35 (D-7080 through D-7139 and D-7141 through
D-7309 with optional 39 gal. fuel tanks)
33, B33, C33 and E33 (CD-388 through CD-1234
with optional 39 or 40 gal. fuel tanks)

35-9014-19 S ENGINE INSTRUMENT CLUSTER
S35, V35, V35A (D-7140 and D-7310 through
D-9068 with standard fuel tanks)
C33A and E33A (CE-1 through CE-289 with
standard fuel tanks)
E33C (CJ-1 through CJ-25 with standard
fuel tanks)
36 (E-1 through E-184 with standard fuel tanks)

35-9014-21 S ENGINE INSTRUMENT CLUSTER
S35, V35 and V35A (D-7140, and D-7310 through
D-9068 with optional 40 gal. fuel tanks)
C33A and E33A (CD-1 through CD-289 with
optional 40 gal. fuel tanks)
E33C (CJ-1 through CJ-25 with optional
40 gal. fuel tanks)
36 (E-1 through E-184 with optional
40 gal. fuel tanks)
(Ref. S. I. 0910 or subsequent)

Kit provides parts and installation instructions to replace the engine instrument clusters. The kit must be used on all first installations. Individual instrument replacement is not possible until after the applicable kit is installed.

PRODUCT IMPROVEMENT (Cont'd.)

36-3001-1 S LANDING GEAR POSITION LIGHTS RELAY

F33 (CD-1235 through CD-1252)
F33A (CE-290 through CE-308)
V35B, V35B-TC (D-9069 through D-9176)
A36 (E-185 through E-225)
(Ref. S. I. No. 0513-354 or subsequent)

Install a relay in the landing gear control circuit to prevent the landing gear position lights from indicating a locked position before the motor completes its cycle.

Wt. Change: Negligible

Est. Man/Hrs: 4

36-8003 P RIGHT HAND BRAKES

36

Provide the convenience of copilot brakes by addition of pedals, plumbing, master cylinders and valves in the brake system.

Wt. Change: +4 lbs. @ +44

Est. Man/Hrs: 30

55-5001-1 S FUEL GAGE TRANSMITTER (inboard and outboard)

55-5001-3 S FUEL GAGE TRANSMITTER (inboard only)

55-5001-5 S FUEL GAGE TRANSMITTER (outboard only)

B33 through E33, N35 through V35A
(Ref. S.I. No. 0925 or subsequent)

Provides parts and information necessary to replace the inboard and/or the outboard fuel gage transmitters with new and improved transmitters with a longer service life.

Wt. Change: Negligible

Est. Man/Hrs: Kit 1 S: 3

Kit 3 S: 2

Kit 5 S: 2

55-9012-1 S INSTRUMENT AIR PUMP (For airplanes equipped with 224CW or 232CW pump)

Wt. Change: 33 and 35 - Wt. -2 lbs.

Arm 41 ins. - Moment -82 lb. ins.

36 and A36 - Wt. -2 lbs.

Arm 31 ins. - Moment -62 lb. ins.

PRODUCT IMPROVEMENT (Cont'd)

55-9012-3 S

INSTRUMENT AIR PUMP

(For airplanes equipped with 432 CW pump)
E33 and F33 (CD-1119 through CD-1235)
E33A and F33A (CE-180 through CE-485 and CE-511)
E33C and F33C (CJ-1 through CJ-51)
V35A, V35A-TC, V35B and V35B-TC (D-8599 through
D-9589, D-9641 and D-9642)

Provides a new lighter weight pump and cooling duct with greater service life.

Wt. Change: 33 and 35 - Wt. -3 lbs.

Arm 41 ins. - Moment -123 lb. ins.

36 and A36 - Wt. -3 lbs

Arm 31 ins. - Moment -93 lb. ins.

Est. Man/Hrs: 3

PLACARDS

33-2002-1 S

EXTERIOR PLACARDS

33 through G33
C33A through F33A (CE-1 through CE-349)

33-2002-3 S

EXTERIOR PLACARDS

F33A (CE-350 and after)

33-2002-5 S

EXTERIOR PLACARDS

E33C, F33C (CJ-1 and after)

Includes a standard replacement set of easily installed, pressure sensitive exterior placards, instructions and a spray can of protective finish.

Wt. Change: Negligible

Est. Man/Hrs: 3

33-2003-1 S

INTERIOR PLACARDS

33, A33 (CD-1 through CD-387)

33-2003-3 S

INTERIOR PLACARDS

B33 through F33 (CD-388 through CD-1254)

PLACARDS (Cont'd.)

33-2003-5 S

INTERIOR PLACARDS

G33 (CD-1255 and after)
C33A through F33A (CE-1 and after)
E33C, F33C (CJ-1 and after)

Includes a standard replacement set of easily installed, pressure sensitive interior placards and instructions.

Wt. Change: Negligible

Est. Man/Hrs: 3

35-2004-1 S

EXTERIOR PLACARDS

K35, M35 (D-5726 through D-6561)

35-2004-3 S

EXTERIOR PLACARDS

N35, P35 (D-6562 through D-6974)

35-2004-5 S

EXTERIOR PLACARDS

P35 through V35B (D-6975 and after)

35-2004-7 S

EXTERIOR PLACARDS

35 through J35 (D-1 through D-5725)

Includes a standard replacement set of easily installed, pressure sensitive exterior placards, instructions and a spray can of protective finish.

Wt. Change: Negligible

Est. Man/Hrs: 3

35-2005-1 S

INTERIOR PLACARDS

K35 through V35B (D-5726 through D-9291)

35-2005-3 S

INTERIOR PLACARDS

V35B-TC (D-9292 and after)

35-2005-5 S

INTERIOR PLACARDS

35 through J35 (D-1 through D-5725)

Includes a standard replacement set of easily installed, pressure sensitive interior placards and instructions.

Wt. Change: Negligible

Est. Man/Hrs: 3

PLACARDS (Cont'd)

36-2002-1 S

EXTERIOR PLACARDS

36, A36

Includes a standard replacement set of easily installed, pressure sensitive exterior placards, instructions and a spray can of protective finish.

Wt. Change: Negligible

Est. Man/Hrs: 3

36-2003-1 S

INTERIOR PLACARDS

36, A36 (E-1 through E-282
without internally lighted panels)

36-2003-3 S

INTERIOR PLACARDS

A36 (E-283 and after
without internally lighted panels)

Includes a standard replacement set of easily installed, pressure sensitive interior placards and instructions.

Wt. Change: Negligible

Est. Man/Hrs: 3

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