

SERVICE

MEMO

Service Memo No. 28
Revised: July 1, 1968

MISCELLANEOUS F.A.A. FIELD APPROVALS

The following installations have been F.A.A. approved in the field. The party securing the approval is also listed. In order to secure details of the installation in which you are interested, it will be necessary for you to contact, directly, the party by whom the approval was secured.

It is possible there will be a slight charge for the drawings and data for the modification due to the original costs involved in obtaining the approval from the F.A.A.

Additional approved installations are listed in the F.A.A. specifications for the various model aircraft. Suggest you first refer to the specifications for the model in which you are interested. It should be noted that this listing and the F.A.A. specifications do not contain all available S.T.C.'s applicable to Piper aircraft.

J3 F.A.A. APPROVED INSTALLATION

ENGINES - Planes with serial numbers 2355 and up.

Lycoming O-235-C (100 HP) John H. Lightstone, Box 274, Coffeyville, Kansas

Lycoming O-235-C1 (108 HP) Jay Myers, 228 E. Keller Street, Castanea, Penna.

NOTE: Each of the above installations require additional fuel.

FUEL TANK INSTALLATION

Thirteen and one-half (13 1/2) gallon tank - right, left or both wings
Stoddard Aero Service, 2550 East Fifth Avenue, Anchorage, Alaska

Thirteen and one-half (13 1/2) gallon tank - right, left or both wings
Jay Myers, 228 E. Keller Street, Castanea, Pennsylvania

CLIPPED WINGS - Each of the following - 40-1/2" clipped from inboard end

J3L-65 by Wilbur P. Thompson, 1204 N. Ohio, Roswell, New Mexico

J3C-65 by Earl C. Reed, 79th. and Greendale, Hickman Mills, Missouri

J3C-75 Seaplane - by Mr. Schwenser, Genessee Repair Stations, Dansville, New York

WHEELS - Six (6) inch wheels and drum or disc brakes - Stoddard Aero Service, 2550 E. Fifth Avenue, Anchorage, Alaska, 95501

(over)

J4-E APPROVED INSTALLATIONS

- ENGINE - Continental C-85-12F Mr. Powers, Cuddahy Airport, Corpus Christi.
- WHEELS - Six (6) inch wheels and drum or disc brakes - Stoddard Aero Service, 2550 E. Fifth Avenue, Anchorage, Alaska, 95501

J5-A APPROVED INSTALLATIONS

- ENGINE - Continental C85-12 Robert M. Brock, Palmetto Air School, La Grange, Georgia
- Continental C85-12 Frank Kvasnicka, Tripp, South Dakota
- Lycoming 0-235-C (100 HP) Berkshire Aviation Enterprise, Inc., Great Barrington, Massachusetts
- Lycoming 0-235-C1 (108 HP) Stoddard Aero Service, 2550 East Fifth Avenue, Anchorage, Alaska
- FUEL TANK - Standard Piper 18 gallon fuel tank installation except in left wing. Also this installation approved with the original and the 0-235-C1 engines. Stoddard Aero Service, 2550 Fifth Avenue, Anchorage, Alaska
- WHEELS - Six (6) inch wheels and drum or disc brakes - Stoddard Aero Service, 2550 E. Fifth Avenue, Anchorage, Alaska, 95501

PA-11 APPROVED INSTALLATIONS

- FUEL TANK - Thirteen and one half (13-1/2) gallon fuel tank in right wing. J3 tank with slight modification - Stoddard Aero Service, 2550 East Fifth Avenue, Anchorage, Alaska
- WHEELS - Six (6) inch wheels and drum or disc brakes - Stoddard Aero Service, 2550 E. Fifth Avenue, Anchorage, Alaska, 95501

PA-12 APPROVED INSTALLATIONS

- ENGINE - Lyc. 0-290-D (125 HP) State of Maine Fish and Game Department
- Lyc. 0-290-D (125 HP) Harry Reed, 1001 W. 75th. Street, Los Angeles, Calif.
- Lyc. 0-290-D (125 HP) A. J. Poulin, Manair Service, Lefleur Airport, Waterville, Maine
- Lyc. 0-290-D (125 HP) Stoddard Aero Service, 2550 East Fifth Avenue, Anchorage Alaska
- Lyc. 0-290-D (125 HP) Arthur E. Barr, R. 513 Washington Blvd. Williamsport, Pa.
- Lyc. 0-290-D (125 HP) Jay Myers 228 E. Keller Street, Castanea, Pa.
- Lyc. 0-290-D2 (135 HP) Central Maine Flying Service, Box 558, Old Town, Maine
- Lyc. 0-290-D2 (135 HP) Arthur E. Barr, R. 513 Washington Blvd., Williamsport, Pa.
- Lyc. 0-290-D2 (135 HP) Jay Myers, 228 E. Keller Street, Castanea, Pa.
- Lyc. 0-320 (150 HP) Kenmore Air Harbor, Inc., Box 64, Kenmore, Wash.
- Lyc. 0-320 Series Stoddard Aero Service, 2550 East Fifth Avenue, Anchorage Alaska

PA-12 APPROVED INSTALLATIONS (cont.)

- FUEL TANK - Installation of two (2) fifteen (15) gallon auxiliary wing tanks; may be installed singly or in pairs. - Stoddard Aero Service, 2550 East Fifth Avenue, Anchorage, Alaska.
- WHEELS - Six (6) inch wheels and drum or disc brakes - Stoddard Aero Service, 2550 E. Fifth Avenue, Anchorage, Alaska, 95501

PA-12S APPROVED INSTALLATIONS

- ENGINE - Lyc. 0-235-C1 (108 HP) Marden Airways, Waterville Mun. Airport, Waterville, Maine
 Lyc. 0-290-D (125 HP) Arthur E. Barr, R. 513 Washington Blvd., Williamsport, Pa.
 Lyc. 0-290-D (125 HP) Jay Myers, 228 E. Keller Street, Castanea, Pa.
 Lyc. 0-290-D2 (135 HP) Arthur E. Barr, R. 513 Washington Blvd. Williamsport, Pa.
 Lyc. 0-290-D2 (135 HP) Jay Myers, 228 E. Keller Street, Castanea, Pa.

PA-14 APPROVED INSTALLATIONS

- ENGINE - Lyc. 0-290-D (125 HP) Arthur E. Barr, R. 513 Washington Blvd., Williamsport, Pa.
 Lyc. 0-290-D (125 HP) Jay Myers 228 E. Keller Street, Castanea, Pa.
 Lyc. 0-290-D (125 HP) Pacific Aircraft Service, Box 82, Modesto, Calif.
 Lyc. 0-290-D2 (135 HP) Genessee Aviation Repair Station, Dansville, New York
 Lyc. 0-290-D2 (135 HP) Arthur E. Barr, R. 513 Washington Blvd. Williamsport, Pa.
 Lyc. 0-290-D2 (135 HP) Jay Myers, 228 E. Keller Street, Castanea, Penna.
 Lyc. 0-320 (150 HP) Richard Osier, Box 325, Hoopa, California
 Lyc. 0-320 (150 HP) Arthur E. Barr, R. 513 Washington Blvd., Williamsport, Pa.
 Lyc. 0-320 Series Stoddard Aero Service, 2550 East Fifth Avenue, Anchorage, Alaska

- FUEL TANK - Installation of two (2) fifteen (15) gallon auxiliary wing tanks; may be installed singly or in pairs. - Stoddard Aero Service, 2550 East Fifth Avenue, Anchorage, Alaska

- WHEELS - Six (6) inch wheels and drum or disc brakes - Stoddard Aero Service, 2550 E. Fifth Avenue, Anchorage, Alaska, 95501

PA-14S APPROVED INSTALLATIONS

- ENGINE - Lyc. 0-290-D2 (135 HP) Arthur E. Barr, R. 513 Washington Blvd., Williamsport, Pa.
 Lyc. 0-320 (150 HP) Arthur E. Barr, R. 513 Washington Blvd., Williamsport, Pa.

PA-15 APPROVED INSTALLATIONS

- ENGINE - Continental C85-12F John O. Bolam, 416 State Street, Perkin, Illinois
 Continental C85-12 Miles Aircraft Service, Ute Field, Cortez, Colorado
 Continental C85-12 Mr. James Cash, Carthage, Missouri
 Continental C85-12 Arthur S. Patterson, Quarters 11, Miller Field,
 Staten Island 6, New York
 Continental C85-12 Henry P. Troh, 1949 S.E. 156th. Avenue, Portland 16, Oreg.

PA-15 APPROVED INSTALLATIONS (cont.)

FUEL TANK - Nine and one half (9-1/2) gallon fuel tank - right, left or both wings
Stoddard Aero Service, 2550 East Fifth Avenue, Anchorage, Alaska

NOTE: This installation gives approximately five (5) hours range
with one (1) hour reserve.

WHEELS - Six (6) inch wheels and drum or disc brakes - Stoddard Aero Service, 2550 E.
Fifth Avenue, Anchorage, Alaska, 95501

PA-16 APPROVED INSTALLATIONS

ENGINE - Lyc. 0-290-D (125 HP) Hutchinson Aircraft Service, Box 524, Borger, Texas

FUEL TANK - Nine and one half (9 1/2) gallon (right wing) - Stoddard Aero Service, 2550
East Fifth Avenue, Anchorage, Alaska

FUEL SYSTEM - Removal of fuselage tank and installation of PA-20 Wing Tank Fuel System
Hutchinson Aircraft Service, Box 524, Borger, Texas

WHEELS - Six (6) inch wheels and drum or disc brakes - Stoddard Aero Service, 2550 E.
Fifth Avenue, Anchorage, Alaska, 95501

PA-17 APPROVED INSTALLATIONS

ENGINE - Continental C85-12 John Hyko, Jr., 1847 Milo Avenue, Redding, California
Continental A-75-8 Donald M. McGreagor, Box 187, Inspiration, Arizona
Continental C-85-8 Stoddard Aero Service, 2550 East Fifth Avenue,
Anchorage, Alaska

FUEL TANK - Nine and one-half (9-1/2) gallon fuel tank - right, left or both wings
Stoddard Aero Service, 2550 East Fifth Avenue, Anchorage, Alaska

WHEELS - Six (6) inch wheels and drum or disc brakes - Stoddard Aero Service, 2550 E.
Fifth Avenue, Anchorage, Alaska, 95501

PA-18-95 APPROVED INSTALLATIONS

FUEL TANK - Eighteen (18) gallon (right wing) contact Mr. E. C. Marsh, Department of
Commerce, Civil Aeronautics Administration, Idlewild, Jamaica, New York
for information.

Two (2) thirteen (13) gallon auxiliary tanks - Stoddard Aero Service, 2550 East
Fifth Avenue, Anchorage, Alaska

WHEELS - Six (6) inch wheels and drum or disc brakes - Stoddard Aero Service, 2550 East
Fifth Avenue, Anchorage, Alaska.

PA-18-105-125-135 APPROVED INSTALLATIONS

FUEL TANK - Two (2) thirteen (13) gallon auxiliary tanks - Stoddard Aero Service, 2550 East Fifth Avenue, Anchorage, Alaska

WHEELS - Six (6) inch wheels and drum or disc brakes - Stoddard Aero Service, 2550 East Fifth Avenue, Anchorage, Alaska

PA-18-125-135, PA-18A and PA-18S APPROVED INSTALLATIONS

ENGINE - Lyc. 0-320 (150 HP) Jay Myers, 228 E. Keller Street, Castanea, Pa.

WHEELS - Six (6) inch wheels and drum or disc brakes - Stoddard Aero Service, 2550 E. Fifth Avenue, Anchorage, Alaska

PA-18-150 APPROVED INSTALLATIONS

FUEL TANKS - Installation of four (4) additional wing tanks (two nine (9) gallon and two twelve 12) gallon or any combination of these) - Stoddard Aero Service, 2550 E. Fifth Avenue, Anchorage, Alaska

WHEELS - Six (6) inch wheels and drum or disc brakes - Stoddard Aero Service, 2550 E. Fifth Avenue, Anchorage, Alaska

PA-20 APPROVED INSTALLATIONS

ENGINE - Planes with serial numbers 20-1084 and up.
Lycoming 0-320 (150 HP) Central Maine Flying Service, Box 558, Old Town, Maine

The following installations apply to any PA-20 originally equipped with Lycoming 0-290-D (125 HP) or Lycoming 0-290-D2 (135 HP):

Lyc. 0-320 (150 HP) Jay Myers, 228 E. Keller Street, Castanea, Pa.

Lyc. 0-320 (150 HP) Arthur E. Barr, R. 513 Washington Blvd., Williamsport, Pa.

WHEELS - Six (6) inch wheels and drum or disc brakes - Stoddard Aero Service, 2550 E. Fifth Avenue, Anchorage, Alaska

PA-22 APPROVED INSTALLATIONS

ENGINE - The following installations apply to any PA-22 originally equipped with Lycoming 0-290-D (125 HP) or Lycoming 0-290-D2 (135 HP):

Lyc. 0-320 (150 HP) Arthur E. Barr, R. 513 Washington Blvd., Williamsport, Pa.

Lyc. 0-320 (150 HP) Jay Myers, 228 E. Keller Street, Castanea, Pa.

Lyc. 0-320-B (160 HP) Jay Myers, 228 E. Keller Street, Castanea, Pa.

PA-22 APPROVED INSTALLATIONS (cont.)

- BRAKES - Installation of Cleveland brakes on all PA-22 models, except PA-22-108 - Stoddard Aero Service, 2550 E. Fifth Avenue, Anchorage, Alaska
- ALTERNATOR - Chrysler #2098615 (12V) Paul C. Hoisington, Paul's A&E Service, R.F.D. Box 711, Lakeport, California
- FUEL TANKS - Installation of two eleven (11) gallon auxiliary tanks mounted in wings (PA-22-160 only) - Stoddard Aero Service, 2550 East Fifth Avenue, Anchorage, Alaska

PA-23 APPROVED INSTALLATIONS

- WINDOWS - Fifth seat window (LH&RH) Hudgin Air Service, Box 468, Tucson, Arizona
- SEATS - Two place couch, Memphis Aero Corp., Metropolitan Airport, A.M.F., P. O. Box 30105 Memphis, Tennessee, 38116
- FAIRINGS - Installation Aztec wing root and nacelle, Memphis Aero Corp., Metropolitan Airport, A.M.F., P. O. Box 30105, Memphis, Tennessee, 38116

PA-23-150-160 APPROVED INSTALLATIONS

- REAR WINDOW INSTALLATION - Serial Nos. 23-1 to 23-2046 incl., Nayak Aviation Corp., International Airport, San Antonio, Texas

PA-23-250 APPROVED INSTALLATIONS

- BAGGAGE - Auxiliary Baggage Compartment, Memphis Aero Corp., Metropolitan Airport, A.M.F., P. O. Box 30105, Memphis, Tenn.

PA-24-250 APPROVED INSTALLATIONS

- TURBOCHARGER - Rajay Turbocharger Installation, Rajay Corp., 2602 E. Wardlow Rd., Long Beach 7, California
- SEATS - Fifth Seat Installation, Nayak Aviation Corp., International Airport, San Antonio, Texas
Fifth Seat Installation, Red Aircraft Ser., Inc., P.O. Box 22640, Ft. Lauderdale, Fla.

PA-25 APPROVED INSTALLATIONS

- ENGINE - Lyc. 0-360 (180 HP) Serial Nos. 25-1 to 25-731 incl., Horton Aero Service, Municipal Airport, Lubbock, Texas

PA-25-235 APPROVED INSTALLATIONS

- AIR CONDITIONER - FrigiKing JC-1 Air Conditioner, Memphis Aero., Metropolitan Airport, A.M.F., P. O. Box 30105, Memphis, Tenn.

PA-28 APPROVED INSTALLATIONS

PROPELLER - Constant Speed Propeller Installation for PA-28-150-160-180 Hutchinson Aircraft Service, Box 524, Borger, Texas

STARTER - Geared Starter Installation for PA-28-160, Turner Field, Inc., Prospectville, Pa.

PA-30 APPROVED INSTALLATIONS

SEATS - Serial Nos. 30-1 to 30-852, 30-854 to 30-901 incl.
Fifth Seat Installation, Red Aircraft Service, Inc., P. O. Box 22640, Fort Lauderdale, Fla.
Fifth Seat Installation, Nayak Corp., International Airport, San Antonio, Texas

MISCELLANEOUS

ENGINE ACCESSORY - Richter Aero Equipment Type B-4 probe for Marvel-Schebler carburetor models MA-2, MA-3, MA-4, and MA-4-5. Kenneth I. Richter, Richter Aero Equipment, Essex, New York

REFRESHMENT BAR - Twin engine aircraft. Nayak Aviation Corporation, International Airport, San Antonio, Texas