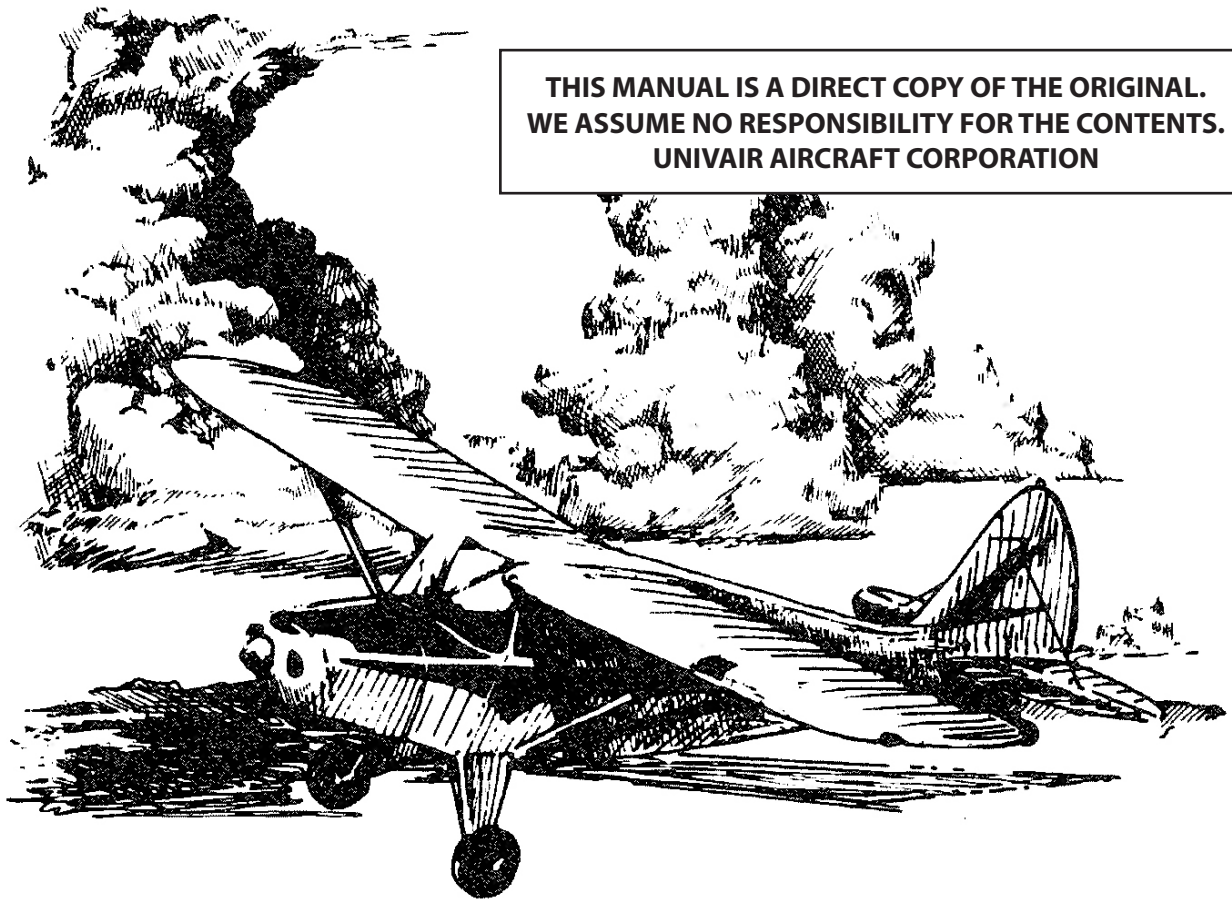


Piper PA-16

CLIPPER

Parts Catalog

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UNIVAIR AIRCRAFT CORPORATION



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INTRODUCTION

This Parts Catalog covers the Piper Clipper (Model PA-16).

It should be noted that no illustrated drawings have been furnished for this Parts Catalog, therefore, selection of parts must be made by part name only. It is not believed that this will hamper rapid selection of parts, as very appropriate names were given the parts, indicating their location on the airplane.

This Parts Catalog has been divided into eleven main sections, and are identified and found herein, as follows:

SECTION	PAGE
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HOW TO ORDER PARTS

In ordering parts for your Piper airplane, observe the following instructions which will aid in shipping the correct parts required with a minimum of errors and delays:

1. **PLACE YOUR ORDER WITH THE DISTRIBUTOR FOR YOUR TERRITORY.** If he does not have the required parts, he will promptly order from the factory. In the majority of cases, parts are available only through your distributor, and it is necessary that we forward your order to your distributor to be filled. Considerable time will be saved by complying with these instructions.
2. Always specify **MODEL** and **SERIAL NUMBER** of your airplane.
3. Advise us of **PART NUMBER, NAME, TYPE** and **QUANTITY** required.
4. **SPECIFY METHOD OF SHIPMENT:** Freight, Express, Air Express, Air Mail, or Parcel Post. Most parts are shipped by Parcel Post or Express, but where nature of shipment requires it, we reserve the right to ship the most suitable way.

GENERAL INFORMATION

Shortages

All shipments are checked and rechecked before leaving our Shipping Department to prevent error and shortages. A Packing Slip is enclosed with the shipment and claims for shortages must be made within three days after receipt of order.

Returned Goods

No material should be returned to us without first securing our written permission. Material sent in without notice will be held at the owner's risk for thirty (30) days and we will then dispose of it as we see fit. A returned goods notice must be filled out for all material to be returned. Transportation charges must be PREPAID on returned goods or the shipment will be refused.

Transportation Liabilities

The Piper Aircraft Corporation does not hold itself liable for damages to parts in transit from the factory. If a shipment is received in a damaged condition, have the delivery man or Transportation Company make a notation of the damage and file your claim with the carrier. In case of concealed damage, do not attempt to remove from shipping container, or endeavor to repair, but call Carrier and have Claim Agent inspect the damage before filing your claim with the Carrier.

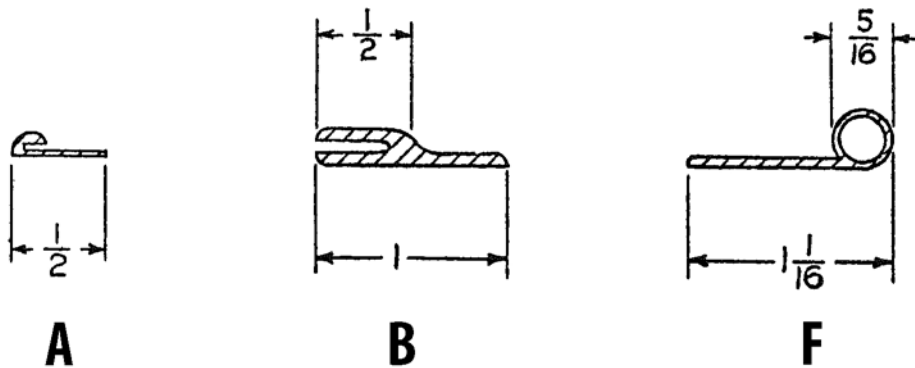
WING ASSEMBLY

NOTICE – All Items Numbered From Wing Butt Outward

PART NUMBER	PER SHIP	NOMENCLATURE
11776		Drawing – Wing Assembly – Covered
-11777DWG		Drawing – Wing Assembly – Uncovered
11776-00	1	Wing Assembly – Covered – LH (less aileron and tank)
11776-01	1	Wing Assembly – Covered – RH (less aileron)
-11777-000UR	1	Wing Assembly – Uncovered – LH
-11777-001UR	1	Wing Assembly – Uncovered – RH
U10291-000	4	Angle – Rear Spar – Inboard and Outboard Aileron Hinge Bracket
U14291-000	1	Angle – Center Aileron Hinge Bracket Attachment – LH
U14291-001	1	Angle – Center Aileron Hinge Bracket Attachment – RH
U14401-003	2	Angle – Front Spar (#2 Drag Strut)
U14401-004	2	Angle – Front Spar (#3 Drag Strut)
U14401-005	2	Angle – Front Spar (#5 Drag Strut)
U14401-006	2	Angle – Front Spar (#1 Drag Strut)
U14411-002	2	Angle – Rear Spar (#2 Drag Strut)
U14411-003	2	Angle – Rear Spar (#3 Drag Strut)
U14411-004	2	Angle – Rear Spar (#5 Drag Strut)
U10912-006	6	Bracket Assembly – Aileron Hinges
U10921-000	6	Block – Aileron Hinge Bearing
U11580-000	1	Bracket – Airspeed Tube – LH
U12252-002	12	Braces – Wing Channel – 8½" (at butt rib)
U12252-003	15	Braces – Wing Channel – 16" (used at butt)
U12252-004	4	Braces – Wing Channel – 17" (wing tip bow)
U12252-005	2	Braces – Wing Channel – 11" (at wing tip bow – rear short)
U12252-008	4	Braces – Wing Channel – 13¾" (at trailing edge)
U14541-000	11	Braces – Aileron False Spar
-80581-000	2	Bracket – Navigation Light
U11757-000	4	Block – Rear Spar Lift Strut Fitting Filler
U14461-000	4	Block – Front Spar Lift Strut Fitting Filler
-80022-031	4	Bushings – Spar Butt Fitting – Front Rear and #1 Drag Strut – Rear
U15631-002	2	Bushings – Lift Strut Fitting Bolt at Wing – Aileron Pulley Bracket
U453-126	2	Bow – Wing Tip
U15482-002	1	Cover – Leading Edge – Center – LH
U15482-003	1	Cover – Leading Edge – Center – RH
U10630-004	1	Cover – Leading Edge – Inboard – LH
U15472-002	1	Cover – Leading Edge – Inboard – RH
U13072-005	2	Cover – Leading Edge – Outboard
U15723-000	1	Cover – Wing Tip – Leading Edge – Left
U15723-001	1	Cover – Wing Tip – Leading Edge – Right
U10221-000	20	Clevis – Tie Red
U10931-002	6	Clamp – Aileron Hinge Bracket False Spar
U10161-004	4	Fitting – Drag Wire Pull #2 Drag Strut
U10161-005	4	Fitting – Drag Wire Pull #3 Drag Strut
U10171-004	4	Fitting – Drag Wire Pull #3 Drag Strut
U10171-003	4	Fitting – Drag Wire Pull #4 Drag Strut

PART NUMBER	PER SHIP	NOMENCLATURE
U10401-000	4	Fitting – Front Spar – Butt Hinge
U14161-000	4	Fitting – Rear Spar – Butt Hinge
U14182-000	4	Fitting – Rear Spar – Lift Strut
U14192-000	4	Fitting – Front Spar – Lift Strut
U16551-000	2	Fitting – Front Spar – Bow – Rear
U16561-000	2	Fitting – Front Spar – Bow – Front
U16601-000	2	Fitting – Rear Spar – Bow – Front
U16611-000	2	Fitting – Rear Spar – Bow – Rear
U14261-002	2	Fitting – Aileron Pulley Bracket Attachment (upper)
U40071-000	12	Fairlead – Cable (less snap ring)
U13171-000	4	Gusset – Wing – False Spar
U85012-078	5	Grommet – Inspection Cover (round)
-80122-051	7	Grommet – 1½" O.D. Pyralin at Wing Butt
U80122-053	58	Grommet – Drain – Small – (¾" O.D. x ¼" I.D.)
U41291-000	4	Housing – Wing Aileron Cable Pulley
-83161-002	1	Hose – Rubber Airspeed – 4" (pitot tube)
U10201-000	20	Nipple – Tie Rod (code no. 476 646)
-10633-000	1	Plate Assembly – Fuel Tank Cover Support – Rear
U10151-000	20	Plate – Lock (drag strut bolt)
U10531-000	1	Plate – Fabric Former LH (#5 drag strut)
U10531-001	1	Plate – Fabric Former RH (#5 Drag Strut)
U11151-000	2	Plate – Ring Rib Fairlead Bracket "U"
-11521-000	2	Plate – False Spar Reinforcement
U1206-00	1	Rib – Aileron Outboard LH #11
U1206-01	1	Rib – Aileron Outboard RH #10
U1232-00	1	Rib – Aileron Inboard LH #3
U1228-03	1	Rib – Aileron Inboard RH #3
U1228-05	1	Rib – Full RH – #2
U1227-03	1	Rib – Full – Butt – RH #1
U1200-02	11	Rib – Nose
U1202-00	1	Rib – Tip LH #12
U1202-01	1	Rib – Tip RH #11
U1207-00	11	Rib – Three Quarter – #6, 7, 8, 9 (#4 RH) (#5 RH) (#10 LH)
U1233-00	1	Rib – Three Quarter – #5 LH
U1229-00	1	Rib Assembly – Butt – Left #1
U1225-02	1	Rib Assembly – ¾ Gas Tank – (special) LH #4
U1224-00	1	Rib Assembly – Full Gas Tank – Left (special) #2
U1200-05	2	Rib – Nose – Special – at Strut Fitting
U1216-00	1	Rib – Wing Tip Nose – LH
U1216-01	1	Rib – Wing Tip Nose – RH
-750-454		Repair Kit – Rib
U40081-000	11	Ring – Fairlead Snap
U15742-002	2	Reinforcement – Wing – Leading Edge
U15761-000	4	Reinforcement – Pyralin – at Lift Strut Fittings
U11754-002	1	Spar – Rear – LH
U11754-003	1	Spar – Rear – RH
U11753-002	1	Spar – Front – LH
U11753-003	1	Spar – Front – RH

PART NUMBER	PER SHIP	NOMENCLATURE
U15562-002	1	Spar – False – (Inboard Section) LH
U15562-003	1	Spar – False – (Inboard Section) RH
U15572-000	1	Spar – False – (Outboard Section) LH
U15572-001	1	Spar – False – (Outboard Section) RH
U15631-002	2	Spacers – Lift Strut Fitting – Front Spar
U15631-003	2	Spacers – Lift Strut Fitting – Rear Spar
U10648-000	2	Strap Assembly – Fuel Tank – Front (serial 16-1 to 16-319)
U10648-003	2	Strap Assembly – Fuel Tank – Front (serial 16-320 and up)
10650-00	2	Strap – Fuel Tank (1 inboard, 1 outboard) (serial 16-1 to 16-319)
U10650-002	2	Strap – Fuel Tank (1 inboard, 1 outboard) (serial 16-320 and up)
U10649-000	2	Strap Assembly – Fuel Tank – Rear (serial 16-1 to 16-319)
U10649-003	2	Strap Assembly – Fuel Tank – Rear (serial 16-320 and up)
U14222-000	2	Strut – Drag – #4
U14222-002	2	Strut – Drag – #2
U14232-002	2	Strut – Drag – #1
15641-00	20	Plug – Drag Strut
U10641-000	1	Tube – Drag Brace
U10112-007	2	Tube – Drag Strut Diagonal – #3
U16462-000	2	Tube – “N” Brace Upper – #3
U16472-000	2	Tube – “N” Brace – Lower #3
13541-13	1	Tubing – Airspeed – LH – 52”
11582-00	1	Tube – Pitot – Airspeed
CSI-1020-096	2	Trailing Edge – Wing
U80122-011	2	Washers (Lift Strut Pulley Bracket)
U81102-003	20	Washers – Square Tie Rod Clevis
U14941-011	3	Wires – Wing Drag (2 right wing – 1 left wing)
U14941-006	3	Wires – Wing Drag – #1 and #2 Bay
U14941-007	4	Wires – Wing Drag – #3 Bay



WING INSTALLATION

PART NUMBER	PER SHIP	NOMENCLATURE
11939	1	Drawing – Wing Installation
-86102-035	2	Bushings – Aileron Pulley Bracket
U13241-000	4	Bolt – Lift Strut Fork
U10657-000	1	Cover Assembly – Fuel Tank
U12761-002	6	Cover – Inspection – Round
U52745-000	2	Catch – Door – at Strut (code no. 487 205)
U41421-000	2	Fitting – Aileron Pulley Bracket Attachment (lower)
U14481-003	2	Fork – Lift Strut ($\frac{7}{16}$ "
U89201-003	2	Fork – Lift Strut ($\frac{5}{8}$ "
U11523-000	2	Fairing – Wing Root – Upper (front or rear)
U11524-004	1	Fairing – Wing Root – Lower (rear left)
U11524-003	1	Fairing – Wing Root – Lower (rear right)
U11525-000	1	Fairing – Wing Root – Lower – (front left)
U11659-000	1	Fairing – Wing Root – Lower – (front right)
U11526-000	1	Fairing – Wing Root – Front – LH (leading edge)
U11526-001	1	Fairing – Wing Root – Front – RH (leading edge)
415-31130-10**	2	Beading – Type "B"
U10878-000	1	Plate – Fuel Gauge Access
U85558-002	2	Strut – Front Lift
U85559-002	2	Strut – Rear Lift

** See diagram at end of Wing Assembly section

FUSELAGE

PART NUMBER	PER SHIP	NOMENCLATURE
12020		Drawing – Fuselage Assembly Complete
11859		Drawing – Fuselage Frame Fitting Installation
-11858DWG		Drawing – Fuselage Frame Tubes and Channel
11988		Drawing – Fuselage Frame Assembly – Covered and Doped – Less Seat, Floors and Doors
-11858DWG		Drawing – Fuselage Frame Assembly – Uncovered – Less Door
12038-03	1	Cowl – Fuselage – Side – Right
12038-02	1	Cowl – Fuselage – Side – Left
456-370	2	Decalcomania – “Piper Clipper”
U11783-000	1	Fin Assembly
12018-00	1	Firewall
U21242-002	2	Fitting Assembly – Landing Gear Front
-20291-000	4	Fitting Assembly – Fuselage Engine Mount
U21262-003	1	Fitting Assembly – Landing Gear and Lift Strut – RH
U21262-002	1	Fitting Assembly – Landing Gear and Lift Strut – LH
11823-01	1	Fitting Assembly – Fuselage – Front Wing Hinge – RH
11823-00	1	Fitting Assembly – Fuselage – Front Wing Hinge – LH
U11821-001	1	Fitting – Fuselage – Rear Wing Hinge – RH
U11821-000	1	Fitting – Fuselage – Rear Wing Hinge – LH
U20631-000	1	Fitting – Fuselage – Tailspring – Front – “U”
L1027-02	1	Fitting – Fuselage – Tailspring – Rear
U80541-002	1	Frame – Inspection Window – at Tail
11858-00	1	Fuselage Frame and Superstructure – Less Seat and Floor
12035-00	1	Fuselage Fin Fairing
U10984-000	1	Grommet – Pyralin Oblong Idler Adjustment
U10292-000	2	Grommet – Stabilizer Plate
MS35822-13D-20	1	Hinge Assembly – Fuselage Door
12035-00	1	Plate – Belly Fairing – Triangular
12017-00	1	Step Assembly
21621-21	1	Stringer – Fuselage Fairing – 83”
21621-20	1	Stringer – Fuselage Fairing – 58”
21621-19	2	Stringer – Fuselage Fairing – 64”
21621-18	1	Stringer – Fuselage Fairing – 108”
21621-17	1	Stringer – Fuselage Fairing – 66½”
21211-00	1	Support Assembly – Stabilizer – Rear
U22412-000	1	Tailpost Assembly
U82461-000	1	Window – Inspection – at Tail
WEBBING-1/2	8 feet	Webbing – Fuselage Cowl – Fabric

COCKPIT

PART NUMBER	PER SHIP	NOMENCLATURE
11914-00	1	Angle – Baggage Compartment
12193-02	1	Arches – Headlining #1
12193-03	1	Arches – Headlining #2
12193-04	1	Arches – Headlining #3
12193-05	1	Arches – Headlining #4
12193-06	1	Arches – Headlining #5
12193-07	1	Arches – Headlining #6
451-335	2	Belt Assembly – Safety – Front and Rear
11925-00	1	Canvas Assembly – Front Seat – Bottom
12214-00	1	Carpet Assembly – Front
12215-00	1	Carpet Assembly – Rear Floor
-11882-000	1	Clip – Control Stick Holder
11599-00	2	Clip – Rear Seat – Bottom Cushion
11633-00	1	Collar – Windshield – Front
11634-00	1	Collar – Windshield – Rear
12119-00	1	Cover – Elevator Cable
-12019-000	1	Cover – Rudder Cable – Door Entrance
-12021-000	3	Cover – Rudder Cable – Rear Cockpit
U41111-000	1	Crank Assembly – Stabilizer Adjustment
12421-00	2	Cushion Assembly – Front Seat Back (Standard Blue)
11927-00	2	Cushion Assembly – Front Seat Back (Deluxe Brawn)
11926-01	1	Cushion Assembly – Front Seat Bottom – Right (Deluxe Brown)
11926-00	1	Cushion Assembly – Front Seat Bottom – Left (Deluxe Brown)
12420-01	1	Cushion Assembly – Front Seat Bottom – Right (Standard Blue)
12420-00	1	Cushion Assembly – Front Seat Bottom – Left (Standard Blue)
12419-00	1	Cushion Assembly – Rear Seat Back (Standard Blue)
12418-00	1	Cushion Assembly – Rear Seat Bottom (Standard Blue)
11924-00	1	Cushion Assembly – Rear Seat Bottom (Deluxe Brown)
11923-00	1	Cushion Assembly – Rear Seat Back (Deluxe Brown)
12000-00	1	Door Assembly – Left – Rear
-12009-000	1	Window – Door
187-607**	5 feet	Beading – Draft Seal – Type “F” (right and left door)
12246-00	1	Skin – Outside
12245-00	1	Trim Panel – Inside
12003-00	1	Frame Assembly – Door
11992-00	1	Hinge
11993-00	1	Hinge
11637-00	1	Door Assembly – Right – Front

** See diagram at end of Wing Assembly section

PART NUMBER	PER SHIP	NOMENCLATURE
12429-00	7	Clips – Rubber Beading Mounting
11650-02	1	Trim Strip – Upper and Lower – Inside
11650-03	1	Trim Strip – Front and Rear – Inside
-11651-000	1	Window
11654-00	1	Panel – Outside
11898-02	2	Handle – Door – Inside
11898-03	2	Handle – Door – Outside
U52745-000	2	Door Catch – Stud – Right or Left (code no. 487 534)
11656-04	1	Trim Strip – Outside – Front
11656-02	1	Trim Strip – Rear – Outside
11656-03	2	Trim Strip – Outside – Top and Bottom
11907-00	1	Floorboard Assembly – Front
11908-00	1	Floorboard – Center Front
11909-00	1	Floorboard – Center Rear
11910-00	1	Floorboard – Rear
11866-00	2	Frame Assembly – Front Seat Back
11863-00	1	Frame Assembly – Front Seat Bottom
11860-00	1	Frame Assembly – Rear Seat Bottom
12216-00	1	Guard Assembly – Control Stick – LH
12216-01	1	Guard Assembly – Control Stick – RH
12170-00	2	Guard – Rudder Cable – Pulley – Front
12113-00	2	Guard – Rudder Cable – Pulley – Rear
12194-00	1	Headlining Assembly
-83161-002	3	Hose – 4” Airspeed (left wing, fuselage, and at instrument)
12030-00	1	Knob Assembly – Seat Catch
12014-00	1	Panel – Baggage Compartment
12347-00	1	Phone Hook
12281-00	1	Plate – Floor at Rear Seat Insert
10980-02	1	Plate – Door Latch Striker – Right Side
10980-03	1	Plate – Door Latch Striker – Left Side
12225-00	1	Plate – Heel Rub
12103-00	1	Plate – Stabilizer Inboard Support
U12102-000	1	Plate – Stabilizer Indicator
12032-00	1	Plunger – Seat Catch
-83302-012	1	Spring – Plunger – Seat Catch
-12036-003	1	Strap Assembly – Baggage Tie Down
-12036-002	1	Strap Assembly – Baggage Tie Down
12217-00	1	Trim Strip – Cockpit – Left Front Post
12218-00	1	Trim Strip – Cockpit – Left Rear Post
12219-00	1	Trim Strip – Cockpit – Right Front Post
12221-00	1	Trim Strip – Cockpit – Right Rear Post

PART NUMBER	PER SHIP	NOMENCLATURE
U11432-006	1	Weatherstrip – Sliding Window – Bottom
U11432-005	1	Weatherstrip – Sliding Window – Top
U11432-007	1	Weatherstrip – Sliding Window – Front
U11432-008	1	Weatherstrip – Sliding Window – Rear
-11631-000	1	Windshield
-11636-000	1	Window Assembly – Rear – Sliding
-11635-000	1	Window Assembly – Front – Sliding
-12011-000	1	Window – Enclosure – Rear – Right

INSTRUMENT PANEL GROUP

11906		Drawing – Instrument Panel Installation
41481-07	1	Cable Assembly – Control – Cabin Heat
41481-06	1	Cable Assembly – Control – Carburetor Heat
41481-08	1	Cable Assembly – Control – Mixture
41481-14	1	Cable Assembly – Control – Parking Brake
W23X1A1G-5	1	Circuit Breaker – Lights – 5 Amp
W23X1A1G-15	1	Circuit Breaker – Radio – 15 Amp
W23X1A1G-15	1	Circuit Breaker – Generator – 15 Amp
11626-02	1	Control Assembly – Throttle
471-048	1	Knob – Throttle Control
12195-00	1	Door Assembly – Glove Compartment
450-619	1	Instrument – Airspeed (PAC Drawing 10483-4)
450-610	1	Instrument – Altimeter
450-655	1	Instrument – Ammeter
450-630	1	Instrument – Compass (PAC Drawing 10937)
450-600	1	Instrument – Oil Temperature – Pressure Gauge
450-675	1	Instrument – Safe Flight Indicator (includes wing unit and switch)
450-641	1	Instrument – Tachometer (PAC Drawing 10485)
-471-051	1	Knob – Glove Compartment Door
471-046	1	Knob – Navigation Light Switch
CS11905-000	1	Panel Assembly – Instrument – Blank
12342-00	1	Panel Assembly – Instrument – Primary
U1713-N340	1	Shaft – Tachometer With Core (non-recording)
750-907	1	Casing Assembly
750-909	1	Core Assembly
12325-00	1	Switch – Rheostat – Navigation Lights – with Wire less Knob
493-130	1	Switch – Less Knob and Wires

ELECTRICAL SYSTEM

PART NUMBER	PER SHIP	NOMENCLATURE
12188	1	Drawing – Electrical
12456-00	1	Angle – Radio Mounting
450-655	1	Ammeter
-10824-000	1	Angle – Antenna Attachment (at tail)
450-025	1	Battery – Reading – S-24-12 Volt
-11718-000	1	Block Assembly – Fuse – Starter Switch
-12156-000	1	Block Assembly – Fuse – Safe Flight Indicator
11980-00	1	Box – Starter Switch
12044-00	1	Box Assembly – Battery Bottom
-12045-000	1	Box Assembly – Battery Lid
23571-00	1	Bracket Assembly – Fin Light Wire
11134-03	1	Cable Assembly – Battery to Box
11122-02	1	Cable Assembly – Battery Ground
11227-00	1	Cable Assembly – Starter to Box
80002-09	1	Clamp – Radio Mounting
-80032-020	2	Clamp – Radio Mounting
-455-161	1	Connector – Cross Light Wire – Top Fuselage
AN931-10-14	3	Grommet – (5/8" inside) Rubber – Starter Switch Box
459-864	1	Extension – Phone
464-326	1	Headphone Set
467-051	1	Insulator – Long (at rudder)
467-050	1	Insulator – Short (at antenna mast)
450-675	1	Kit – Safe Flight Indicator
472-656	1	Light – Navigation – Left – Red – Grimes Model "B"
472-655	1	Light – Navigation – Green – Grimes Model "B"
472-657	1	Light – Rudder Navigation – White – Grimes Model "A"
01-0770820-00	1	Spotlight – (Red Lens) Grimes Model J – #A 1425
-12176-000	1	Mast Assembly – Antenna
474-646	1	Microphone Assembly – Radio
12029-00	1	Plate – Switch Box Cover
451-221	1	Radio – Belmont Radio Corp. (ATR-1-P)
-153-320	11 feet	Shielding – Wire #690D – Packard
751-124	1	Spring – Antenna – Top of Rudder – Includes Insulator
12174-02	1	Strap – Radio Mounting
11627-00	1	Switch Assembly – Ignition – with Wires less Terminals
-15302-002	1	Switch – Ignition Loss Wires (PAC No. 84132)
493-130	1	Switch – Light Assembly – Navigation
487-785	1	Switch – Starter
AN3023-1	1	Switch – Master
10128-29	2	Wire Assembly – Ground – at Navigation Light Bracket
153-026	21 feet	Wire – Antenna

CONTROL

PART NUMBER	PER SHIP	NOMENCLATURE
U42585-000	1	Aileron Assembly – Covered and Doped – LH
U42585-001	1	Aileron Assembly – Covered and Doped – RH
U42585-000	1	Aileron Assembly – Uncovered – LH
U42585-001	1	Aileron Assembly – Uncovered – RH
U42922-000	2	Edge – Aileron – Inboard – Trailing
U42933-000	2	Edge – Aileron – Outboard – Trailing
U40471-005	1	Leading Edge Section – LH – Inboard
U40471-008	1	Leading Edge Section – RH – Inboard
U40471-004	1	Leading Edge Section – LH – Center Inboard
U40471-007	1	Leading Edge Section – RH – Center Inboard
U40471-006	1	Leading Edge Section – LH – Center Outboard
U40471-003	1	Leading Edge Section – RH – Center Outboard
U40471-002	1	Leading Edge Section – LH – Tip
U40471-002	1	Leading Edge Section – RH – Tip
U42872-000	2	Rib – Aileron Tip
U41891-000	2	Hinge – Aileron – Center
U40501-000	2	Horn – Aileron
U42972-000	1	Spar – Aileron – LH
U42972-000	1	Spar – Aileron – RH
U40321-003	4	Rib – Aileron (at center hinge)
U41881-000	4	Hinge – Aileron – Inboard and Outboard
U40451-002	20	Bulk Head – Aileron (flange facing left)
U40451-003	20	Bulk Head – Aileron (flange facing right)
U40321-002	20	Rib – Aileron (all except tip and at center hinge)
U40311-002	4	Plate – Aileron Hinge Reinforcement (inboard and outboard upper)
40461-00	2	Plate – Aileron Horn Hinge – Lower Reinforcement Center
U42491-000	4	Plate – Aileron Hinge Reinforcement (inboard and outboard)
U40991-000	4	Pulley – Aileron Cable (in wing)
U40421-003	2	Tube – Aileron Tip
U40581-002	2	Braces – Aileron – LH
U40581-003	2	Braces – Aileron – RH
U81362-005	20	Reinforcement Plate – Aileron Rib – Top and Bottom
U40411-000	2	Reinforcement – Aileron Trailing Edge
U10870-005	1	Cable – to Lower Elevator Horn
U10870-009	1	Cable – to Lower Elevator Horn – Stainless Steel Seaplane
U11527-004	1	Cable Assembly – Left Aileron Balance – Stainless Steel Seaplane
U11527-002	1	Cable Assembly – Left Aileron Balance
U10870-006	1	Cable Assembly – to Upper Elevator Horn
U10870-010	1	Cable Assembly – to Upper Elevator Horn – Stainless Steel Seaplane
U40123-063	2	Cable Assembly – Lower Aileron to Torque Tube

PART NUMBER	PER SHIP	NOMENCLATURE
U40123-071	2	Cable Assembly – Lower Aileron to Torque Tube – Stainless Steel Seaplane
U11641-004	2	Cable – Rudder
U11641-005	2	Cable – Rudder – Stainless Steel Seaplane
U40123-064	1	Cable Assembly – Right Aileron Balance
U40123-072	1	Cable Assembly – Right Aileron Balance – Stainless Steel Seaplane
U41671-011	1	Cable – Stabilizer Adjustment
U41671-014	1	Cable – Stabilizer Adjustment – Stainless Steel Seaplane
11897-00	4	Blocks – Torque Tube Bearing
U80222-024	1	Clamps – Torque Tube Rudder Pedal – Left
-80222-023	2	Clamps – Torque Tube Rudder Pedal – Right and Center
U10911-000	2	Knob – Control Stick
11726-05	2	Pedal Assembly – Rudder and Brake
11807-00	1	Pedal Assembly – Rudder
U81262-046	7	Plate – Bearing
487-213	2	Springs – Rudder Cable Tension
12165-00	2	Stick Assembly – Control – Less Knob
12166-00	2	Stub Assembly – Control Stick
11253-00	1	Tab Trim – Aileron
11808-00	1	Tube Assembly – Rudder Pedal Torque – Left
11809-00	1	Tube Assembly – Rudder Pedal Torque – Right
12163-00	1	Tube Assembly – Torque Elevator and Aileron Control
11158-02	1	Tube Assembly – Connector – Elevator and Aileron Control

EMPENNAGE

11825		Drawing – Tail Surface Installation
U80012-006	4	Bushing – ¼" x .028 x ⅛"
U80012-017	1	Bushing – ⅜" x .065 x 7/32"
U80022-044	6	Bushing – Tail Surface – Long – Bronze
U80022-045	12	Bushing – Tail Surface – Short – Bronze
U40123-061	2	Cable Assembly – Control – Bungee
U40572-000	1	Elevator Assembly – Covered – LH
U40572-000	1	Elevator Assembly – Covered – RH
U40572-000	2	Elevator Assembly – Uncovered
U80122-053	81	Grommet – Drain
U41631-000	1	Key – Stabilizer Screw (Code 424 901)
U10449-000	1	Link – Elevator Horn – Upper
U81322-015	1	Link – Offset – Lower Bungee Spring
U41271-003	1	Link – Elevator Horn – Lower
12001-00	1	Link Assembly – Stabilizer Adjustment
U60742-000	1	Panel – Tail Inspection – LH

PART NUMBER	PER SHIP	NOMENCLATURE
U60742-001	1	Panel – Tail Inspection – RH
U11990-000	1	Plate – LH – Stabilizer Adjustment Assembly
MS20392-3C55	6	Pin – Hinge – Tail (AN394-55)
MS20392-3C41	8	Pin – Hinge – Tail (AN394-41)
U11990-001	1	Plate – RH – Stabilizer Adjustment Assembly
U481-609	1	Pulley – 1½” Stabilizer Indicator Wire
U80421-000	2	Pulley – 1¾” Bungee Assembly (481-604)
U11008-000	1	Pulley – Aluminum – 4” – Stabilizer Screw
-42163-000	1	Rudder Assembly – Covered
U40622-000	1	Rudder Assembly – Uncovered
10128-35	1	Wire Assembly – Tail Light
U80122-053	81	Grommet – Drain
487-280	2	Spring – Bungee – (PAC Drawing 10940-2)
U40643-000	1	Stabilizer Assembly – Covered – LH
U40643-000	1	Stabilizer Assembly – Covered – RH
U80122-053	81	Grommet – Drain
40463-00	2	Stabilizer Assembly – Uncovered
U42961-102	1	Screw – Stabilizer Adjustment
U86062-079	1	Tube – Stabilizer – Rear Liner
86062-41	1	Tube – Stabilizer – Rear Liner – Stainless Steel Seaplane
U86062-080	1	Tube – Stabilizer Yoke Link Liner
86062-40	1	Tube – Stabilizer Yoke Link Liner – Stainless Steel Seaplane
U40131-000	2	Washer – Fin – Tie Rod Clevis
U80122-086	12	Washer – Tail Surface Hinge Pin
U10556-002	2	Wire Assembly – Lower Tail Brace (wires 35”)
U10555-002	2	Wire Assembly – Upper Tail Brace (wires 41½”)
U42692-000	1	Yoke Assembly – Stabilizer (cast aluminum code #499 120)
U40651-000	1	Yoke Assembly – Stabilizer Adjustment Idler
40651-02	1	Strap

CHASSIS

PART NUMBER	PER SHIP	NOMENCLATURE
11780		Drawing – Gear Installation – Landing
U19795-000**	2	Beading – Landing Gear Fairings – “A” Type
11775-00	2	Cable Assembly – Landing Gear Stop
11848-00	2	Channel – Landing Gear Fairing Stiffener
11846-00	1	Fairing – Landing Gear – LH Bottom
11846-01	1	Fairing – Landing Gear – RH Bottom
11847-00	1	Fairing – Landing Gear – LH Side
11847-01	1	Fairing – Landing Gear – RH Side
U31702-000	2	Hub Cap
751-108	1	Kit – Landing Gear – Bolts and Nuts
U30491-000	2	Nut – Axle
11473-14	2	Plates – Bumping Block – 13” Rubber
U31322-002	4	Ring – Shock Cord (code no. 451-352)
487-215	2	Spring – Cable Assembly – Landing Gear Stop
11779-00	1	Vee – Landing Gear – Covered – LH
L11782-000	1	Vee – Landing Gear – Uncovered – LH
11779-01	1	Vee – Landing Gear – Covered – RH
L11782-001	1	Vee – Landing Gear – Uncovered – RH
10034-03	2	Brake Line
U80022-063	4	Bushing – Insert
UD3-13A-1	2	Wheel Assembly – Hayes (451-760)
08125	4	Cone – Bearing
B11-5	2	Casting – Side Ring
08231	4	Cup – Bearing
08125	4	Cone – Bearing
B227-52	4	Felt – Grease Retainer
UA56-4	8	Felt Retainer
UA85-218	4	Lock Ring – Felt Retainer
A20-54	2	Pins – Anchor
415-773	6	Screw – Hub Cap
800X4X4	2	Tire – Cub
800X4	2	Tube – Cub

TAILWHEEL INSTALLATION

U1140A-000	1	Arm Assembly – Rudder
U30531-002	1	Clamp – Tail Wheel Spring
U2151A-000	1	Connector Assembly (including spring link and chain)
U30541-002	1	Pad – Tail Spring

PART NUMBER	PER SHIP	NOMENCLATURE
U1478A-000	1	Spacer Assembly – Tail Wheel Attachment
U10999-003	1	Spring – Tail Wheel – Middle (serial 16-1 to 16-272)
U12567-003	1	Spring – Tail Wheel – Middle (serial 16-273 and up)
U10999-002	2	Spring – Tail Wheel – Top (serial 16-1 to 16-272)
U12567-004	2	Spring – Tail Wheel – Top (serial 16-273 and up)
U10999-005	1	Spring – Tail Wheel – Bottom (serial 16-1 to 16-272)
U12567-002	1	Spring – Tail Wheel – Bottom (serial 16-273 and up)
U85012-048	1	Washer
2000	1	Tail Wheel Assembly – Full – Swivel – Steerable
U1967A-000	1	Wheel Assembly – Less Tire
1883	2	Bearing
1882	1	Cap – Hub (grease retainer and screws)
U1863A-000	1	Retainer – Inside Grease
U1862A-000	1	Spacer – Grease Retainer
2077	1	Bracket Assembly – Tailwheel Spring Attachment
U1800A	1	Bushing Bronze
-1781	1	Cap – Bushing
U1709A-000	1	Arm Assembly – Tailwheel
2078	1	Fork Assembly – Tailwheel
1879	1	Tire – 6.00 x 2
2346	1	Washer – Tail Wheel Arm Attachment
U2085A	1	Shim – Tail Wheel Arm Attachment
U12572-000	2	Axle – Tube – Fenders (same as 750-966)
750-954	2	Fenders – Body Set – Less Brackets
750-959	2	Fender Bracket Sets
-12535-000	1	Fender Bracket – Inside Left (same as 750-964)
-12535-001	1	Fender Bracket – Inside Right (same as 750-965)
31251-00	2	Retainer – Brake Aloe – used with Federal Ski Installation
U1140A-000	1	Tailwheel Steering Arm

**See diagram at end of Wing Assembly section

BRAKE

PART NUMBER	PER SHIP	NOMENCLATURE
451-702	2	Brake Shoe Assembly – 5 x 1 – Expander Tube – Hayes D-2-113
B27-59-1	12	Block – Brake
B51-72	2	Fairing – Inner
D15-25	2	Flange – Brake Frame
D12-101	2	Frame – Brake
750-015	2	Nut – Elastic Stop (10-32)
MS35266-61	2	Screw – Fillister Head (10-32 x 3/8)
A64-3	2	Spacer Nozzle
B21-35	12	Spring – Retracting
A72-30	6	Shield – Expander Tube Protector
750-031	2,	Tube Assembly – Rubber
12385-00	2	Cylinder – Brake – Master
751-129	2	Seal – Kit
41481-14	1	Cable Assembly – Parking Brake Control – Less Spring
487-276	1	Spring – Coil Parking Brake Control Cable
11136-00	1	Cable Assembly – Parking Brake at Cylinder
11820-00	2	Spring Clip – Keeper Holder (side of cylinder)
11734-00	2	Keeper – Piston Lock Plate (side of cylinder)
11819-00	2	Plate Assembly – Piston Lock
51191-00	2	Spring – Coil Parking Brake – Top of Cylinder (487 – 278)
-85012-010	2	Washer – Spring Stop – Top of Cylinder
U71061-004	2	Line Assembly – Brake – Flexible – Cylinder To Fuse. Clamp
10143-75	2	Line Assembly – Brak – Fuse. Clamp to Flex. Line
U15216-000	2	Line Assembly – Brake – Flexible Fuselage To Landing Gear Vee

POWER PLANT

PART NUMBER	PER SHIP	NOMENCLATURE
11966		Drawing – Power Plant
U19795-000		Beading – Top Engine Cowl – Right and Left – “A” Type (22.35 feet)
11951-00	1	Baffle Assembly – Engine Oil Well
11944-00	1	Baffle Assembly – Engine – Left Side – Front
11940-00	1	Baffle Assembly – Engine – Left Front
11945-00	1	Baffle Assembly – Engine – Left Side – Rear
11942-00	1	Baffle Assembly – Engine – Left – Rear
-11948-000	1	Baffle Assembly – Engine – Right – Front
11946-00	1	Baffle Assembly – Engine – Right Side – Front
11947-00	1	Baffle Assembly – Engine – Right Side – Rear
11938-00	1	Baffle Assembly – Engine – Right Rear
-74912-000	2	Baffle – Engine – Intercylinder (Inner)
11400-00	1	Bracket – Baffle Support – Front
-10175-000	1	Bracket – Rear Baffle – Top
70232-04	1	Box Assembly – Cabin Heater – By Pass
11950-00	1	Box Assembly – Carburetor Air and Filter
-11950-004	1	Leather Baffle
600314	1	Filter (purchase from Continental Motors Corp – 40599)
-11394-000	1	Clamp Assembly – Exhaust Stack (muffler – right side)
-11394-003	1	Clamp Assembly – Exhaust Stack (muffler – right side)
U70591-002	2	Clamp Assembly – Exhaust Stack – (muffler exhaust and muffler – left)
-12316-000	1	Clamp Assembly – Throttle and Mixture Control
U80032-034	1	Clamp Offset – Carburetor Heat Control
U10430-000	1	Clip Assembly – Muffler – Shroud Slide
U11958-000	1	Cowl Assembly – Engine Rose
11964-05	1	Cowl Assembly – Engine – Top – Right
11964-06	1	Cowl Assembly – Engine – Top – Left
11965-00	1	Cowl Assembly – Engine – Bottom
11965-03	1	Scoop – Inside – Carb. Air.
12338-00	1	Scoop – Outside – Carb. Air.
450-322	1	Engine – Lycoming – O-235-C1
U91193-000	2	Fitting – Swivel – Mixture and Carburetor Heat Control Attachment
MS35489-11	1	Grommet – (3/8" inside) Firewall
AN931-10-14	2	Grommet – (5/8" inside) Firewall (MS35489-17)
10525-03	1	Hose – Air Duct – Cabin Heater
U71061-000	1	Hose Assembly – 6" Resistoflex – Flexible – Oil Pressure Gauge
74311-00	1	Hose – Breather Line Connector
U11786-000	1	Mount – Engine
U10308-003	1	Muffler Assembly – Less Shroud

PART NUMBER	PER SHIP	NOMENCLATURE
11745-00	1	Plate Assembly – Cabin Air Inlet
-73451-003	2	Plate – Carburetor Airscoop Attachment
480-921	2	Plate – Name – (Piper) PAC #10079-00
U13663-000	1	Plate – Propeller – Spinner (rear of propeller)
750-772	1	Propeller – Aeromatic – F200
751-097	1	Propeller – McCauley – 1C90LM-7252
450-940	1	Propeller – Sensenich – 74FM52 (Wood)
M76AM-2-50	1	Propeller – Sensenich – (Metal)
750-839	1	Propeller – Sensenich – Skyblade – CS-2-FM-6
-71451-008	1	Rod – Engine Baffle Tie
U10487-000	2	Rod – Engine Baffle Tie – Right Side
-71451-004	2	Rod – Engine Baffle Tie
U10487-002	2	Rod – Engine Baffle Tie – Left Side Only
10490-00	2	Rod – Muffler Support
-10836-002	4	Screw – Drilled Head Cap
-11955-002	1	Shroud Assembly – Muffler
12334-00	1	Spinner Assembly – Propeller – with McCauley Propeller
12416-00	1	Spinner Assembly – Propeller – with Sensenich Metal Propeller
10246-00	1	Spinner Assembly – Propeller – with Sensenich Wooden Propeller
U70371-003	2	Stud – Mixture and Carburetor Heat Control Attachment (code no. 487-532)
10493-00	2	Spring – Muffler Support Rod (code no. 487-202)
-12043-003	1	Stack Assembly – Exhaust – Right
12043-02	1	Stack Assembly – Exhaust – Left
U12330-004	1	Strap – Spinner Assembly – Sensenich Metal Propeller
12330-03	1	Strap – Spinner Assembly – With McCauley Propeller
12330-02	1	Strap – Spinner Assembly – With Sensenich Wood Propeller
-10415-003	2	Support – Baffle Hanger – Right Front Baffle
-10415-002	1	Support – Baffle Hanger – Right Front Baffle
U11417-000	1	Tailpipe Assembly – Exhaust
82332-30	1	Tube Assembly – ¼" Diameter – Oil Pressure Gauge Line
AD2	39"	Tube – 2½" O.D. – Flexible – Aluminum
-11957-000	1	Tube – Engine Breather
11963-00	1	Tube – Tailpipe Support (tailpipe to muffler attach clamp)
11962-00	1	Tube – Tailpipe Support (tailpipe to stack)
U80122-020	2	Washer – ¾ x .266 x .062 – Muffler Support Installation
-81342-019	1	Washer – ½ O.D. – Carb. Heater Installation
U85012-047	21	Washer – Fibre ½ x .191 x .062 – Cowl Installation

FUEL SYSTEM

PART NUMBER	PER SHIP	NOMENCLATURE
11967		Drawing – Fuel System Installation – Less Wing Tank
U71991-000	1	Bracket Assembly – Fuel Strainer
11664-00	1	Cap Assembly – Fuel Tank – Fuselage
454-009	1	Cap – Fuel Tank – Wing
80032-02	1	Clamp – Offset – Fuel Tank – Throttle Attach
10686-00	1	Float Assembly – Fuel Gauge
462-039	1	Gauge Assembly – Fuel – Wing Tank
U10676-008	1	Gasket – Fuel Gauge Bottom (Blank)
U85012-051	1	Gasket – Fuel Gauge – Top
U10852-000	1	Glass
U10676-004	1	Plug
11970-00	1	Line Assembly – Fuel – Rear Tank to Tee
11972-00	1	Line Assembly – Fuel – Front Tank to Tee
U11973-000	1	Line Assembly – Fuel – Tee to Valve
11974-00	1	Line Assembly – Fuel – Valve to Strainer
11975-00	1	Line Assembly – Fuel – Fuse Tank to Valve
U17766-66	1	Line Assembly – Flexible – Fuel – Strainer to Carburetor
11976-00	1	Plate – Fuel Valve
U451-100	1	Primer Assembly
U31197-000	2	Primer – Jet – Straight
11977-02	1	Rod – Fuel Valve
11612-03	2	Strap Assembly – Fuel Tank – Fuselage – Right Side
11612-05	2	Strap Assembly – Fuel Tank – Fuselage – Left Side
72302-00	1	Strainer Assembly – Fuel
U12764-000	1	Bowl (EZ drain type is part #750-857)
U87477-002	1	Cover – Fuel Strainer
U85012-032	1	Gasket – Fuel Strainer
U72302-003	1	Nut – Fuel Strainer Bowl – Seat
U750-272	1	Screen – Fuel Strainer Bowl
U750-273	1	Seat – Fuel Strainer Bowl
U750-268	1	Wire Assembly – Bail
U72091-000	1	Strainer Assembly – Fuselage Tank – Finger
U80111-000	2	Stud – Tank Strap Installation
10016-15	6	Strips – Felt – Tank Strap
11590-06	1	Tank Assembly – Fuel (Fuselage)
11662-00	1	Gauge Assembly – Fuel – Fuselage Tank
70151-00	1	Plug – Drain
85012-50	1	Washer
70281-02	1	Collar – Male
U10849-011	1	Tank Assembly – Fuel – Wing
-10143-020	1	Tube Assembly – 10½” – Primer Line – Copper
-10143-061	1	Tube Assembly – 2½” – Primer Line – Copper
-10143-065	2	Tube Assembly – 52” – Primer Line – Copper – Inlet and Outlet
11383-00	1	Valve Assembly – Fuel – Shut-off
U80122-048	1	Washer – Rubber – Fuselage Tank – Neck

OPTIONAL EQUIPMENT

PART NUMBER	PER SHIP	NOMENCLATURE
751-139	1	Kit – Single Antenna Installation (less loading coil C204-13379) Purchase From Belmont Radio Corporation, Chicago, Illinois
751-137	1	Kit – Vee Antenna Installation (less loading coil C204-13379) (Special) Purchase From Belmont Radio Corporation
751-115	1	Kit – Float Installation (less Edo floats (purchase from Edo Float Corporation, College Point, New York, per their drawing 05525)
751-113	1	Kit – Landing Light Installation
751-136	1	Kit – Navigation Light Installation
751-116	1	Kit – Radio Installation (less Belmont Radio model ATR-1-P, purchased from Belmont Radio Corporation, Chicago, Illinois)
31251-00	2	Clamp – Retainer (used when brake assembly is not removed when installing Ski Assembly Kit, model A-2000-A, purchased from Federal Aircraft Works, Minneapolis, Minnesota)
751-011		Handle and Lock Assembly – Outside (with keys, less latch)
751-138	1	Kit – Cockpit Spotlight Installation
751-007	1	Kit – Priming – 4 Cylinder