

STINSON

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Univair is the Type Certificate holder for the Stinson 108 series. We have thousands of quality parts specifically for these airplanes. Many of our parts are made on the original tooling that was used when these great aircraft were first made. We also have distributor parts such as tires, batteries, tailwheels, and much more.

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All parts listed are for the 1946, 1947 and 1948 models of the 108 series Stinson, unless otherwise specified. Please include your aircraft model and serial number when ordering any parts or supplies.

Because of various applications of some parts, we suggest that you have a Stinson parts manual to assist you in selecting the proper parts.

Shop online at www.univair.com

Cockpit • Interior

Description	Part #	Price
Primer and Throttle Support Assembly		
1946	108-3021100	\$34.01
1947-1948.....	108-3022100	\$32.98
Instrument Panel Cover		
1947, 1948 (108-3031009-2)	108-3031009-1	\$192.10
Control Column		
Boot Clamp, 1946	108-3091078	\$64.46
Boot Assembly, 1946	108-3091079	\$40.65
Cabin Vent Inner Tube,		
Valve Seat, 1946	108-3091059	\$95.28
Inner Tube, 1946.....	108-3091056	\$92.47
Inner Tube, 1947.....	108-3091097-6	\$59.40
Rear Inner Tube, 1948.....	108-3091097-8	\$101.67
Cabin Ventilator		
Seat, 1947	108-3091096-0	\$101.47
Rear Seat, 1948	108-3091096-1	\$46.89
Ventilator Cap		
1946 (3091058).....	108-3091095	\$85.16
1947	108-3091095	\$85.16
Floorboards		
Forward Floorboard,		
Left, 1947 (108-3092052-0).....	108-3092052-28	\$236.24
Right, 1947 (108-3092052-1)	108-3092052-29	\$236.24
Intermediate Cabin Floorboard, Right, 1948....	108-3092052-30	\$39.70
Rear Floorboard, Forward Section, 1948.....	108-8992007-30	\$107.59
Aft Cabin Floorboard, 1946.....	108-3091052-2	\$105.66
Door Frame		
Scuff Plate, Left	108-3092112-6	\$189.02
Scuff Plate, Right.....	108-3092112-7	\$189.02
Trim, Left, 1947-1948	108-3092113-6	\$104.88
Trim, Right, 1947-1948.....	108-3092113-7	\$104.88
Forward Panel Retainer Assembly		
Left, 1947	108-3092119-0	\$34.78
Right, 1947.....	108-3092119-1	\$34.78
Left, 1948	108-3092119-2	\$35.03
Right, 1948.....	108-3092119-3	\$36.79
Rear Cabin Air Vent Scoop		
Left, 1948	108-3092145-6	\$91.38
Right, 1948.....	108-3092145-7	\$91.38
Front Seat Rear Support Assembly,		
1946-1947 (3091007)	108-3092007	\$252.92
Throttle Control		
Forward Bracket	108-6221503	\$64.47
Aft Bracket, 1946	108-6221504	\$39.86
Aft Bracket, 1948.....	108-6222504	\$60.10
Mixture Control		
Bracket, SN 1 to 2249	108-6221506	\$61.65
Bracket, SN 2250 and up.....	108-6222506	\$85.34
Cabin Heat Control Support Bracket Assembly,		
SN 1 to 478.....	108-6221507	\$62.29

Rear Seat Bracket Cover, 1947	108-8992025-6	\$77.66
Glove Box Knob, 1947-1948 (108-3031019)	471-060	\$3.27
Control Panel Connector Plate, 1947-1948.....	108-3032022-10	\$12.95
Oleo Housing Cap.....	108-3091005	\$28.34
Door Handle Escutcheon, 1946 (108-3091006).....	108-8041000-1	\$23.32
Trim Extrusion, 1947-1948, 64" Long.....	108-3031009-16	\$84.01
Control Column Cover, 1947-1948.....	108-3092118	\$89.86
Cabin Assist Handle, 1947-1948.....	108-3412029	\$41.81
Cabin Assist Handle Plate, 1947-1948.....	108-3092115	\$7.52
Cabin Rear Vent Cap, 1948	108-3092141-6	\$114.76

Air Temperature Gauge

This thermometer has both Centigrade and Fahrenheit dial graduations. It can be installed through Plexiglas® windshield or cowling on most aircraft or through the center strip in the windshield.



2716A **\$82.28**



Rear Seat Floor Grille

• *Applicability: 1947 and 1948 Stinsons*

Grille **\$168.21**

Oleo Strut Housing Cover

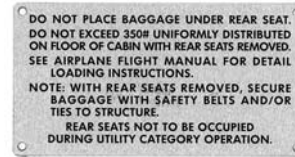
• *Applicability: All 108 Stinsons*

108-3091011 **\$363.24**



Placards

• See all placards online at www.univair.com



Tab Control Placard, 1946-1947 (shown right).....	108-8742000	\$29.59
Rudder and Elevator Trim Placard, 1948 108-3	108-8742200	\$43.43
Operating Limits Placard, 1946.....	108-8741001-6	\$20.20
Operating Limits Placard, 1948.....	108-8742001-20	\$20.63
Baggage Placard, 1946	108-8741001-8	\$16.39
Baggage Placard, 1947-1948 (shown left).....	108-8742001-26	\$21.69
Baggage Placard	108-8742001-24	\$21.59
Baggage Placard	108-8742001-30	\$15.10

Throttle and Control Cables



Friction Throttle, 1946-1948	108-6222501-0	\$127.50
Carburetor Heat Control, 44" long, locking, black knob (5101306, A700-BL-0440)....	A700-10-0440	\$73.78
Stinson Control, 44" long.....	108-6221502	\$100.64
Carburetor Mixture Control, 42" long	108-6221502-1	\$150.59
Cabin Heat Control, 1946, 62" long	108-6221502-2	\$93.55
Cabin Heat Control, 1947-1948, 58" long	108-6221502-3	\$84.01
Brake Control, 28"	108-6221502-4	\$110.19

Full Blind Flight Instrument Panel Kit

This shock-mounted floating panel is simple to install. The kit consists of the following parts: one instrument mounting panel, one false panel, two supports, and two brackets. For a regular 4 7/8 inch artificial horizon and directional gyro.

Full Blind Flight Instrument Panel Kit **\$1,202.70**

Same as above, except for smaller hole (3 1/8 inches) for the newer artificial horizon and directional gyro **\$1,202.70**



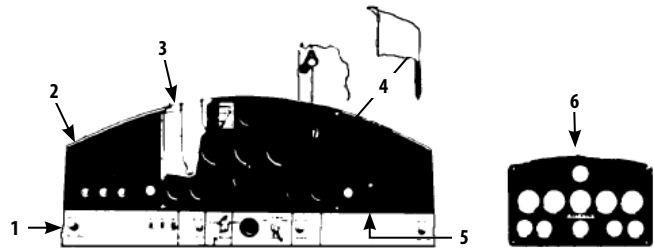
Picture at right shows the following instruments installed, without the false panel:

- Top Row** (left to right): VOR indicator, artificial horizon, directional gyro, ADF compass.
- Middle Row** (left to right, all 3 1/8 inch instruments): air speed indicator, turn and bank, sensitive altimeter, rate of climb, tachometer.
- Bottom Row** (left to right, all 2 1/4 inch instruments): oil pressure gauge, oil temperature gauge, suction gauge, clock, cylinder head temperature gauge, fuel quantity gauge, ammeter.



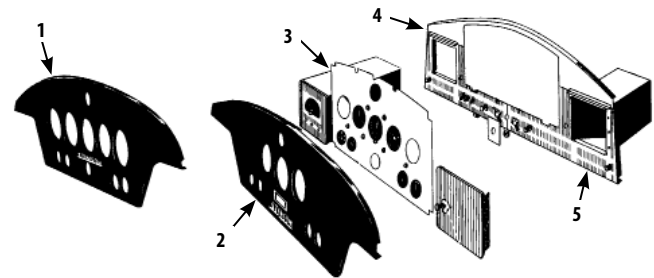
1946 Standard and Basic Blind Flight Instrument Panel

- 1) Panel Assembly, Control.....108-3031004 **\$61.23**
- 2) Panel Assembly, Main108-3031003 **\$336.99**
- 3) Panel Assembly, Flight.....108-3031021 **\$192.42**
- 4) Panel Assembly, Indirect Instrument108-3031002 **\$44.64**
- 5) Door Assembly, Glove Box.....108-3031018 **\$74.15**
- 6) Panel Assembly, Indirect, Basic Blind Flight.....108-8931005 **\$246.38**



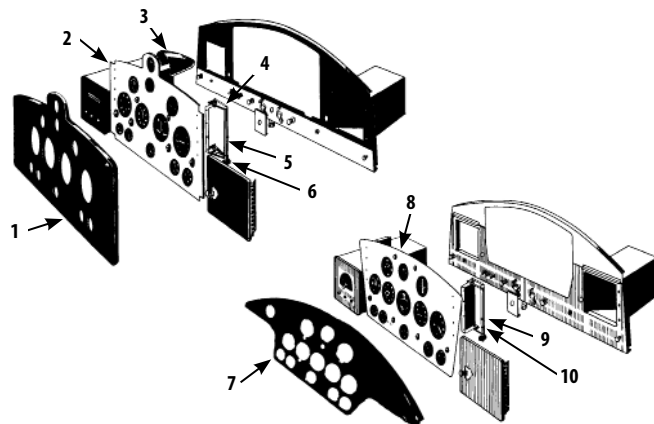
1947/1948 Standard and Basic Blind Flight Instrument Panel

- 1) Panel Assembly, Indirect, Basic Blind Flight
 - 108-2.....108-8932005-0* **\$129.15**
 - 108-3.....108-8932005-1 **\$118.56**
- 2) Panel Assembly, Indirect Instrument
 - 108-2.....108-3032002-0* **\$131.29**
 - 108-3.....108-3032002-1* **\$131.29**
- 3) Panel Assembly, Flight, 108-2/108-3.....108-3032021-8 **\$280.62**
- 4) Panel Assembly, Main108-3032003 **\$243.18**
- 5) Panel Assembly, Right Half, 108-2/108-3108-3032022-8 **\$263.82**



1946/1947/1948 Advanced Blind Flight Instrument Panel

- 1) Indirect Panel Assembly, 1946.....108-8931003-4* **\$184.98**
- 2) Direction Panel Assembly, 1946.....108-8931003-2 **\$85.39**
- 3) Direction Indicator Cover, 1946108-8931006 **\$79.08**
- 4) Bracket Assembly, 1946 (8931003-14)108-8932019-0 **\$67.01**
- 5) Support Assembly, 1946.....108-8931003-10 **\$62.08**
- 6) Shock Mounts, 1946100PL-4 **\$14.50**
- 7) Indirect Panel Assembly, 1947-1948..... — **NLA**
- 8) Direct Panel Assembly, 1947-1948108-8932021-1 **\$226.19**
- 9) Instrument Panel Bracket Assembly, 1947-48 ...108-8932019-0 **\$67.01**
- 10) Instrument Panel Bracket Assembly, 1947-48108-8932020 **\$182.61**



**These parts are original Stinson inventory, and sold in an "AS IS" condition
NLA = No longer available*

Control System

Description	Part #	Price
Control Wheel Casting, 1946.....	108-3041121	\$9.60
Control Wheel Shaft Assembly, 1947-1948.....	108-3042153	\$129.46
Control Shaft, SN 2250 and up.....	108-3042458-6	\$41.08
Control Shaft Support Bushing 1946-1947.....	108-8611000	\$19.70
Control Column Shaft Pulley		
Left.....	108-3041204-0	\$108.44
Right.....	108-3041204-2	\$108.44
Dual Brake Link Assembly, 1948 (3942410).....	108-3942410-2	\$77.96
Fairlead Pulley.....	108-3041209	\$17.28

Flap Handle Lever Adjustment Rack Assembly.....	108-3041501	\$40.74
Flap Control Handle		
Latch.....	108-3041502	\$9.50
Release Assembly.....	108-3041503	\$33.31
Tube Assembly.....	108-3041506	\$294.00
Bushings.....	108-3942413-6	\$28.04
Trim Control Shaft Sleeve, SN 2250 and up.....	108-3042457-6	\$110.56
Trim Control Pulley		
SN 2250 and up.....	108-3042424-6	\$113.66
SN 2250 and up.....	108-3042424-8	\$82.15

Stinson Control Surface Bearing

Control Surface Bearing	CS3906	\$29.16
Felt Seal	108-8001001	\$2.05



Elevator Control

Elevator Bellcrank	108-3041303	\$116.56
Elevator Push-Pull Tube Assembly.....	108-3041304	\$368.75
Elevator Control Stop.....	108-3041306	\$165.17
Elevator Tab Front Control Pulley, 1946-1947.....	108-3041601	\$34.01
Elevator Tab Control Crank Arm Assembly		
SN 1 to 2249	108-3042610	\$36.98
SN 2250 and up	108-3042618-2	\$390.51
Elevator Control Arm Stop.....	108-3041602-8	\$13.76
Elevator Control Shaft, SN 1 to 2249	108-3041604	\$32.14
Elevator and Rudder Cable Control Pulley Shaft	108-3041606	\$60.80
Elevator Tab and Rudder Trim Control		
Support Assembly, SN 2250 and up.....	108-3042459-0	\$206.16
Pulley Assembly, SN 2250 and up.....	108-3042460-2	\$782.07
Elevator Tab Control		
Front Support Assembly, SN 1 to 2249	108-3041608	\$33.62
Front Pulley Assembly, SN 1 to 2249	108-3041609	\$107.59
Elevator Tab Control Rear Bushing.....	108-3041617	\$20.67

Tachometer Cable

- 36 inch length

Recording.....	TACH-36	\$105.15
Non-Recording.....	TACH-36NR	\$90.37



Rudder Control

Rudder Pedal, Copilot, 1947	108-3042405	\$30.39
Rudder Pedal, Pilot, 1947 (3042407)	108-8542013-6	\$133.30
Rudder Pedal, Copilot, 1948.....	108-8542013-6	\$133.30
Rudder Control Drive Shaft, 1948.....	108-3042428	\$59.94
Rudder Tab Mechanism Rod Assembly, 1948	108-3042429	\$125.51
Copilot Rudder Pedal Return Spring, 1948	108-3042431-6	\$5.16
Rudder Pedal, Copilot, 1946.....	108-3041405	\$21.13
Rudder Bar Assembly, Left, 1946	108-3041406	\$170.32
Rudder Bar Assembly, Right, 1946.....	108-3041408	\$170.32
Rudder Pedal Torque Tube Bearing Assembly.....	108-3041411	\$179.80
Rudder Tab Control Pulley, 1948.....	108-3041612	\$34.01
Rudder Bar Return Spring	108-3041002	\$22.65
Rudder and Elevator Tab Control Spindle,		
SN 2250 and up	108-3042452-6	\$115.85
Rudder Trim Cable Clamp Fitting, SN 2250 and up ...	108-3042619-6	\$11.73
Rudder Trim Control Shaft Assembly, 1948	108-3042430	\$453.75
Rudder Trim Cable Clamp, SN 2250 and up	108-3042451-6	\$27.31
Rudder Trim Frame Assembly, SN 2250 and up.....	108-3042453	\$232.47
Rudder Trim Control Knob, SN 2250 and up	108-3042456-8	\$52.80
Rudder Trim Control Arm Assembly, 1947		
Left.....	108-3042461-0	\$196.11
Right.....	108-3042461-1	\$196.11

Dual Brake Kit



Available for 108 series Stinsons. Provides brake actuation from both front seats (required item for student instruction). Simple installation; no welding. Complete kit with drawing.

Dual Brake Kit	108-3942001	\$3,143.93
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Stinson Control Cables

- All cables are priced and sold individually

Aileron

Aileron Idler Cable, 2 required

Galvanized.....	108-1141206	\$106.02
Stainless	108-1141206S	\$151.28

Aileron Control Cable, 2 required

Galvanized.....	108-1141208	\$91.47
Stainless	108-1141208S	\$136.85

Aileron Idle Cable (in frame), 1 required

Galvanized.....	108-3041118	\$61.59
Stainless	108-3041118S	\$82.12

Control Column Cable, Left Half, 1 required

Galvanized.....	108-3041123-6	\$145.31
Stainless	108-3041123-6S	\$145.95

Control Column Cable, Right Half, 1 required

Galvanized.....	108-3041123-7	\$145.31
Stainless	108-3041123-7S	\$140.98

Elevator

“Up” Elevator Cable, 1 required

Galvanized.....	108-3041305-10	\$110.33
Stainless	108-3041305-10S	\$122.60

“Down” Elevator Cable, 1 required

Galvanized.....	108-3041305-11	\$103.04
Stainless	108-3041305-11S	\$122.60

Elevator Trim

Elevator Tab – Cabin to Control Cable, SN 1 to 2249, 1 required

Galvanized.....	108-3041615-0	\$79.25
Stainless	108-3041615-0S	\$109.93

Elevator Tab – Cabin to Control Cable, SN 2250 and up, 1 required

Galvanized.....	108-3041615-1	\$93.55
Stainless	108-3041615-1S	\$112.13

Flap

Flap Control Cable, 2 required

Galvanized.....	108-1141506	\$94.58
Stainless	108-1141506S	\$106.52

Upper Flap Control Cable (in frame), 1 required

Galvanized.....	108-3041511	\$89.16
Stainless	108-3041511S	\$118.78

Rudder

Rudder Cable, 1946-1947, 2 required		
Galvanized.....	108-3041003-0.....	\$110.92
Stainless.....	108-3041003-0S.....	\$145.43
Rudder Cable, 1948, 2 required		
Galvanized.....	108-3041003-2.....	\$140.87
Stainless.....	108-3041003-2S.....	\$138.95

Rudder Trim

Rudder Trim Cable, SN 2250 to 3499*, 2 required		
Galvanized.....	108-3042620.....	\$80.84
Rudder Trim Cable, SN 2250 to 3499*, 1 required		
Galvanized.....	108-3042622.....	\$109.44
Rudder Trim Cable, 108-3, SN 3500 and up, 1 required		
Galvanized.....	108-3042426.....	\$135.80

**Used with rudder bungee system*

Electrical System

<u>Description</u>	<u>Part #</u>	<u>Price</u>
Radio Support Assembly, 1946.....	108-3031501.....	\$8.62
Speaker Baffle Board, 1947-1948.....	108-3031503.....	\$55.87
Loudspeaker Grille, 1946.....	108-3031504.....	\$9.68
Radio Support Assembly, 1947-1948.....	108-3032501.....	\$103.00
Antenna Assembly, 1947.....	108-3032507.....	\$25.83
Battery Box Top, 1946-1947.....	108-3061001.....	\$210.11
Battery Box Assembly, 1946-1947.....	108-3061002.....	\$410.66
Battery Box Tie Down Rod, 1946-1947.....	108-3061004.....	\$28.06
Battery Ground Cable Assembly,		
SN 1 to 3500.....	108-3061008-10.....	\$9.85
SN 3500 and up.....	108-3062012.....	\$51.54
Battery Cable Assembly,		
SN 1 to 3500 (3061008-14).....	108-3062014.....	\$29.75

Bendix Ignition Switch



- With "Start" position
- For all light planes

Switch.....	10-357200-1.....	\$495.98
Placard for switch.....	10-126676.....	\$5.10

Single Pole Solenoid Battery Relay

- Use as master solenoid on Stinson 108 series
- Normally open
- Supersedes part number 70-918

Battery Relay.....	70-111226-5.....	\$26.11
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We Accept:

Engine • Cowling

All parts listed are for the 1946, 1947 and 1948 models of the 108 series Stinson, unless otherwise specified. Please include your aircraft model and serial number when ordering any parts or supplies.

<u>Description</u>	<u>Part #</u>	<u>Price</u>
Nose Cowl Stiffener.....	108-6021401-44.....	\$33.61
Air Intake Scoop Moulding.....	108-6021407.....	\$141.77
Air Intake Scoop Vane, SN 1 to 470.....	108-6021410.....	\$27.78
SN 471 and up.....	108-6021411.....	\$40.51
Cowl Support Tube Clip, 1947-1948.....	108-6022423.....	\$36.26
Cowl Support Tube.....	108-6022424.....	\$44.91
Generator Blast Tube.....	108-6201000-28.....	\$25.96
Oil Drain Tube, 1947-1948.....	108-6201011-6.....	\$73.45
Oil Drain Valve Block, 1947-1948.....	108-6201013.....	\$74.64
Magneto Cooling Tube, Right.....	108-6221213-17.....	\$32.99
Front Baffle Assembly, Right, SN 1 to 3109.....	108-6221216.....	\$82.68
Front Center Baffle Assembly, 1946-1947.....	108-6221217.....	\$23.67
Tailpipe Support Angle, Left, SN 112 and up.....	108-6221709-6.....	\$11.69
Tailpipe Support Strap, SN 112 and up.....	108-6221710.....	\$74.02
Carburetor Air Intake Duct Assembly, SN 1 to 470.....	108-6221802.....	\$40.31
Oil Cooler Air Duct Assembly, 1946.....	108-6221803.....	\$39.70
Carburetor Air Intake Scoop.....	108-6221804.....	\$224.61
Air Filter Duct Assembly, 1946.....	108-6221806.....	\$206.30
Carburetor Air Box Assembly, SN 1 to 2249.....	108-6221807.....	\$492.20
Flex Hose Attaching Collar, 1946.....	108-6221812-6.....	\$14.01
Air Filter Support Assembly.....	108-6221813.....	\$34.30
Cabin Heat Deflector Spring, 1946.....	108-6221814.....	\$15.28
Air Induction Cuff Clamp Assembly, SN 1 to 2249.....	108-6221815.....	\$19.21
Cabin Heat Deflector, 1946.....	108-6221816.....	\$9.68
Carburetor Air Box Gasket, SN 1 to 2249.....	108-6221817.....	\$12.08
Carburetor Air Intake Duct Assembly,		
SN 471 and up.....	108-6221818.....	\$39.70
Front Cooling Baffle, SN 3110 and up.....	108-622219-0.....	\$345.77
Grille Retaining Plate, 1947-1948.....	108-6222236.....	\$9.68
Grille Spacer Plate, 1947-1948.....	108-6222237.....	\$11.59
Cabin Heat Aft Duct Assembly, 1947-1948.....	108-6222241.....	\$96.69
Grille Attach Plate, 1947-1948.....	108-6222244.....	\$10.13
Cabin Heat Forward Coupling Assembly, 1947.....	108-6222247.....	\$36.23
Cabin Heat Forward Duct Assembly,		
SN 3868 and up.....	108-6222249.....	\$18.60
Cabin Heat Forward Inlet Cover, SN 3868 and up ...	108-6222250-0.....	\$24.14
Cabin Heat Scoop, 1947-1948.....	108-6222251.....	\$77.96
Cabin Air Intake Coupling Assembly 1947-1948.....	108-6222252.....	\$37.49
Cabin Heat Valve Support Bracket 1947-1948.....	108-6222254.....	\$3.89
Oil Pressure Hose, SN 1472 and up.....	108-6222601.....	\$92.52
Tailpipe Exhaust Clamp, SN 3110 and up.....	108-6222715.....	\$64.36
Oil Cooler Air Duct Assembly.....	108-6222803.....	\$163.73
Air Filter Duct Assembly, 1947-1948.....	108-6222806.....	\$276.90
Carburetor Air Box Assembly, SN 2250 and up.....	108-6222807.....	\$1,307.64
Air Induction Cuff Clamp, SN 2250 and up.....	108-6222815.....	\$26.75
Carburetor Air Box Gasket, SN 2250 and up.....	108-6222817.....	\$8.40
Baffle, Under Cylinder, for Aeromatic Propeller		
Left.....	108-6922010-6.....	\$126.02
Right.....	108-6922010-7.....	\$126.02

Franklin Oil Cooler Thermostat	19481	\$195.39
Carburetor Air Boxes		
150hp Franklin, SN 1 to 2249	108-6221807	\$492.20
165hp Franklin, SN 2250 and up	108-6222807	\$1,307.64
150hp Franklin Baffle Set	150BS	\$777.89
108-1 150hp Franklin Baffle Set	150BS-1	\$663.48
165hp Franklin Baffle Set	165BS	\$737.77

Aluminum Nose Cowl

- *Applicability: Stinson 108 through 108-3*
- *Grilles sold separately*

108-6021401-52.....**\$1,325.50**



Shroud Attach Channel

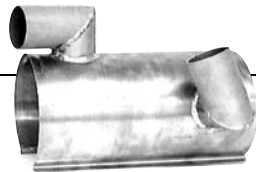


Shroud Attach Channel (2 per shroud).....108-6221704.....**\$57.69**

Carburetor Heat Shroud

- *Applicability: Stinson 108 through 108-3*

108-6221210-2.....**\$389.43**



Cabin Heat Shroud

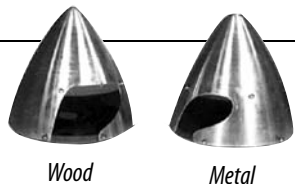
- *Applicability: Stinson 108-1, -2 and -3*
- *Fits serial numbers 744 and up*

108-6222209.....**\$436.60**



Spinner Assemblies

- *Complete spinner assemblies for Stinsons with wood or metal propellers*



Wood

Metal

Wood Propeller Spinner Assembly	108-6921000-1	\$723.14
Metal Propeller Spinner Assembly	108-6921000-2	\$802.63
Wood Propeller Moisture Plate	U17577	\$78.89
Propeller Bolts	U17662	\$20.90
Wood and Metal Propeller Front Plate	108-6921000-20	\$192.05
Wood and Metal Propeller Rear Plate	108-6921000-22	\$132.13

Note About Wooden Propeller Installation

Due to the different hub contour of the various propellers approved on the 108 series aircraft, the FAA approved blueprint calls out "trim front bulkhead to clear propeller." This may be done with standard sheet metal shears and then the edge sanded smooth to prevent cracks in the bulkhead.

Engine Cowl Lever Assembly

Cowl Fastener Assembly
108-6021401-22

\$87.01

Cowl Fastener Pin

99836

\$0.90

Cowl Fastener Receptacle.....99947P130

\$2.96

Receptacle Cup.....108-6021401-36

\$26.11



Top Cowl Assembly

- *Applicable to all 108 series Stinsons*
- *Includes right and left top cowls and center hinge assembly*



Top Cowl Assembly

108-6021401-26

\$1,817.20

Left Side Only.....108-6021401-26L

108-6021401-26L

\$1,106.64

Right Side Only

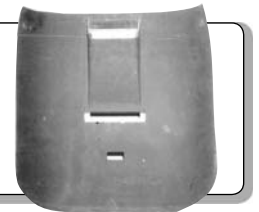
108-6021401-26R

\$1,106.64

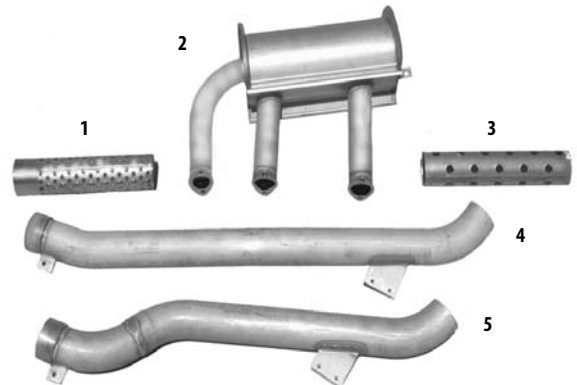
Bottom Cowl Assembly

- *Does not include filter plate*

108-6021401-70.....**\$2,958.99**



Exhaust Systems



1) Perforated Tube, SN 3110 and up

108-6222708

\$242.80

2) Muffler

SN 1 to 3109.....108-6221702

SN 3110 and up.....108-6222702

\$1,002.79

\$997.13

3) Perforated Tube, SN 1 to 3109

108-6221708

\$242.80

4) Tailpipe, Left

SN 112 to 3109, (Bolt On).....108-6221711-0

SN 3110 and up, (Clamp On)

108-6222711-0

\$361.98

\$331.04

5) Tailpipe, Right

SN 112 to 3109, (Bolt On).....108-6221711-1

SN 3110 and up, (Clamp On)

108-6222711-1

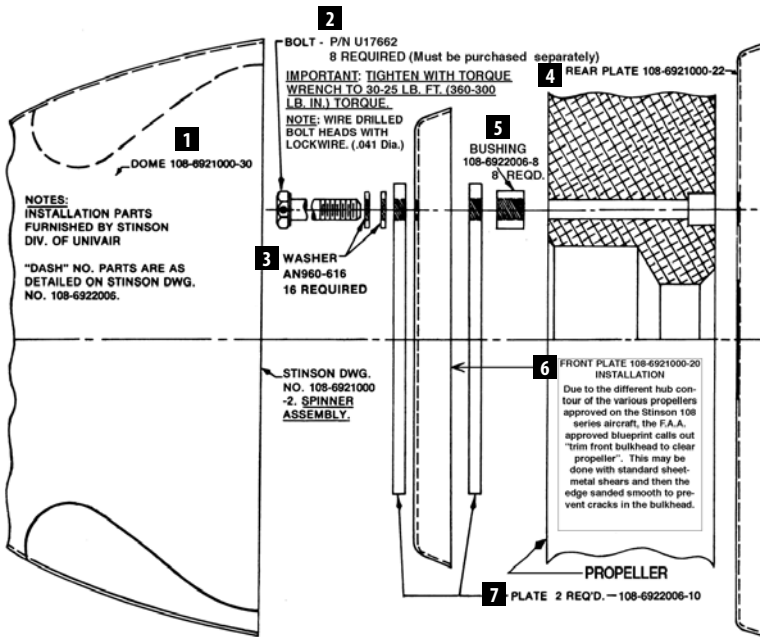
\$398.17

\$314.71

Shop online at www.univair.com

Spinner Dome Installation Instructions

• Used with McCauley 1A170 MET-L-PROP or Sensenich 74DR-0-XX on STINSON 108 series



Name	Part Number	Price
1 Dome	108-6921000-30	\$459.82
2 Bolt	U17662	\$20.90
3 Washer	NAS1149F0663P	\$0.05
4 Rear Plate	108-6921000-22	\$132.13
5 Bushing	108-6922006-8	\$11.76
6 Front Plate	108-6921000-20	\$192.05
7 Spacer Plate	108-6922006-10	\$71.93

Stinson Masks and Stencils



For 108, SN 119 to 742

- "Voyager 150", Left Side, Mask..... 108-3091048-6 \$57.23
- "Voyager 150", Right Side, Mask 108-3091048-7 \$57.23



Stinson "Voyager 150"

- Stencil..... 108-3091048-37 \$14.64



For 108-1, SN 743 to 2249

- "Voyager 150", Left Side, Mask..... 108-3092048-6 \$57.23
- "Voyager 150", Right Side, Mask 108-3092048-7 \$57.23



For 108-2 and 108-3, SN 2250 and up

- "Stinson Voyager" Stencil..... 108-3092126 \$14.82



For 108-2 and 108-3, SN 2250 and up

- "Stinson Flying Station Wagon", Stencil 108-8992034 \$46.99

"Bow and Arrow" Tail Fin Stencils

- Left Stencil..... 108-3091039-6..... \$35.35
- Right Stencil 108-3091039-7..... \$35.36



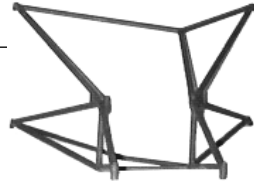
Magneto Noise Filter



A293 **\$39.96**

Engine Mount

- *Applicability: All Franklin 150, 165 and 180hp engines*



108-6212000-1 **\$2,188.10**

Aeromatic Baffle Kit

To be used with modified front baffle and existing side baffles when the Aeromatic propeller is installed. Specify serial number and horsepower when ordering.

Aeromatic Baffle Kit 4086 **\$316.90**

Air Induction Cuffs

For 108, 108-1, 108-2 150hp,

SN 1 to 2249 108-6221801 **\$147.66**

For 108-2, 108-3 165hp,

SN 2250 and up 108-6222801 **\$147.66**



Carburetor Air Filter

- *Applicability: Franklin 150-165hp engines*
- *Excludes the 6221805-8 bottom close out strip*



Carburetor Air Filter 108-6221805 **\$69.73**

Frame

Description	Part #	Price
Frame Match Rib Assembly		
Left	108-3001201-0	\$421.88
Right.....	108-3001201-1	\$421.88
Former and Rib Assembly		
Left	108-3001201-400	\$147.10
Right.....	108-3001201-401	\$147.10
Cabin Door		
Upper Hinge	108-3001210	\$106.69
Assembly, Right, 1947	108-3001211-5	\$1,024.61
Assembly, Left, SN 1990 to 3500	108-3002211-0	\$1,024.60
Window Lock Knob, Aft, 1948.....	108-3002279-6	\$32.19
Window Lock Knob, Forward, 1948.....	108-3002279-8	\$32.19
Window Lock Knob, SN 1 to 1989	108-3001214	\$3.63
Window Plate, 1948	108-3002280-6	\$6.97
Window Striker, SN 1990 to 3500	108-3002257	\$6.83
Windshield		
Center Post Assembly	108-3001218	\$169.05

Center Post Retainer	108-3001220	\$20.12
Upper Retainer	108-3001221	\$20.12
Side Retainer, Left	108-3001222-6	\$36.59
Side Retainer, Right	108-3001222-7	\$36.59
Cabin Window		
Retainer, Left, 1946-1947	108-3001223-6	\$42.51
Retainer, Right, 1946-1947	108-3001223-7	\$53.66
Vertical Retainer, Left, 1946-1947	108-3001224-6	\$9.14
Vertical Retainer, Right, 1946-1947	108-3001224-7	\$9.14
Latch, SN 1990 to 3500.....	108-3002253	\$15.68
Latch Spring, 1948.....	108-3002278-6	\$10.56
Spring, SN 1990 to 3500.....	108-3002254	\$18.72
Rear Cabin Window, SN 3500 and up.....	108-3002212	\$40.10
Fuselage Cooling Tunnel Side Support		
Left	108-3001306-0	\$85.39
Right.....	108-3001306-1	\$85.39
Fuselage Bow Assembly		
Station 202.10	108-3001422	\$49.60
Station 177.00	108-3001423	\$62.52
Station 152.00	108-3001424	\$156.59
Station 126.00	108-3001425	\$132.51
Station 100.00	108-3001426	\$150.96
Station 61.60	108-3001427	\$102.57
Station 164.00	108-3001428	\$78.66
Station 140.00	108-3001429-0	\$78.85
Station 115.50	108-3001430	\$162.83
Station 90.50	108-3001431	\$156.80
Station 18.75	108-3001433	\$83.77
Station 74.25	108-3001436	\$111.95
Station 40.50	108-3001438	\$54.53
Station 31.75	108-3001442	\$132.42
Landing Gear Opening Retainer		
Left	108-3001434-6	\$69.75
Right.....	108-3001434-7	\$69.75
Frame Lower Longeron Retainer		
Left	108-3001435-6	\$97.69
Right.....	108-3001435-7	\$97.69
Frame Former Assembly, Station 30.50.....	108-3001437-0	\$96.88
Baggage Door		
Spring Spacer, 1947-1948	108-3002270	\$3.60
Fabric Retainer, 1947-1948.....	108-3002273	\$72.42
Hinge, 1947-1948.....	108-3002264	\$28.63
Hold-Back Spring, 1947-1948.....	108-3002268	\$35.70
Baggage Compartment		
Upper Angle Support, 1947-1948.....	108-3002274	\$24.61
Lower Angle Support, 1947-1948.....	108-3002275	\$32.17
Baggage Strap		
Buckle End, 1948	108-3002281-6	\$13.39
Strap Tip End, 1948.....	108-3002281-8	\$13.39
Fin Stencil		
Left	108-3091039-6	\$35.35
Right.....	108-3091039-7	\$35.36
Landing Gear Fitting		
Front, Left.....	108-3311007-0	\$385.89
Front, Right	108-3311007-1	\$385.89
Rear, Left	108-3311016-0	\$428.99
Rear, Right.....	108-3311016-1	\$428.99

Frame Rear Compression Tube		
1946-1947	108-3311003	\$87.31
1948	108-3312003	\$169.87
Landing Gear Fairing		
Left	108-5101100-10	\$302.76
Right	108-5101100-15	\$302.76
Cabin Steps Assembly		
Left	108-3411047-0	\$262.14
Right	108-3411047-1	\$262.14
Cabin Floor Support Angle	108-8191000	\$36.30
Frame Structure Assembly, 1946-1947	108-3411000-3	\$21,056.79
Frame Shroud Panel	108-3001302	\$228.01
Frame Tunnel Cover Assembly	108-3001304	\$170.32
Firewall Panel Assembly, Stations 18.75 to 31.75 ...	108-3001310-2	\$167.07

Inspection Rings and Plates

Inspection Ring	483-15	\$0.72
Inspection Plate	483-10	\$2.25



Frame to Landing Gear Fillets



Left	108-3001003-12	\$475.68
Right	108-3001003-13	\$475.68

Stinson Rear "D" Window Frame

• *Applicability: Stinson 108-3*

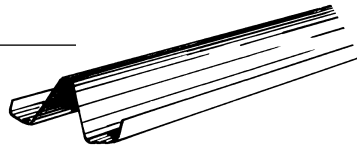
Left (shown)	108-3002240-2	\$536.78
Right	108-3002240-3	\$536.78



Stringer Blank

• *Available in 8 foot lengths only*

108-3001432	\$42.64
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Fuel System

Description	Part #	Price
Fuel Tank Cap, 1946-1947	108-1121111	\$125.92
Gas Cap Gasket	108-1121112	\$1.84
Fuel Tank Strainer, 150hp, 1946-1947	108-1121118	\$40.06
Fuel Strap Assembly	108-1121119	\$128.65
Fuel Tank Strainer Assembly, 165hp	108-1122118	\$98.45
Fuel Tank Cap, 108-3	108-1122131	\$91.70
Fuel Valve Shaft, 1946	108-3021103-0	\$32.42
Fuel Valve Shaft, SN 743 to 1440	108-3021103-1	\$34.01
Left Tank to Valve Line, 3/8 inch, SN 1 to 2249	108-6221100-8	\$80.81
Right Tank to Valve Line, 3/8 inch, SN 1 to 2249	108-6221100-10	\$80.81
Primer to Tee Tube Assembly, 1946	108-6221100-14	\$51.14

Valve to Strainer Tube Assembly, 3/8 inch, SN 1 to 2249	108-6221100-52	\$66.58
Fuel Hose Assembly, SN 1 to 2249	108-6221101	\$211.57
Tank to Valve Tube Assembly, Left, SN 2250 and up	108-6222100-8	\$320.09
Right, SN 2250 and up	108-6222100-10	\$227.50
Tee to Spray Fitting Tube Assembly, 1946-1947	108-6221100-16	\$62.88
SN 2250 and up	108-6222100-28	\$28.66
Strainer to Valve Tube Assembly, SN 2250 and up	108-6222100-52	\$180.19
Strainer to Carburetor Hose Assembly, SN 2250 and up	U-108-6222101-1A	\$221.61
Fuel Valve Shaft Assembly, SN 2250 and up	108-6222106	\$117.70

Fuel Gauge and Sender

• *Direct replacement for original AC gauge and sender*

Gauge	3090-033	\$188.84
Sender	7740-313	\$320.13



Stinson Fuel Valve Kits

• *Replaces original style valves*
 • *Applications: left, right (not both), or off*
 • *Not approved for higher horsepower engines*

For 150hp aircraft with 3/8" fuel lines, replaces 44725	108-9010076-38	\$438.84
For 165hp aircraft with 1/2" fuel lines, replaces 44745	108-9010076-12	\$438.84



Landing Gear • Chassis

Description	Part #	Price
Landing Gear Brake Shield, SN 1 to 111 except 82	108-5101007	\$7.52
SN 82 and 112 and up	108-5101008	\$11.96
Parking Brake Bridle, SN 1 to 3939	108-5101310-6	\$105.61
SN 3940 and up	108-5101310-8	\$36.70
Shock Strut Spring	108-5181001	\$138.53
Shock Strut Plunger Assembly (5181006)	108-5182006	\$783.24
Shock Strut Packing Retainer	108-5181007	\$175.01
Shock Strut Pin	108-5181008	\$14.16
Shock Strut O-Ring, 1 per strut	MS28775-325	\$1.04
Shock Strut O-Ring, 1 per strut	MS28775-331	\$1.04



For Specialty Tires, see the
Tires • Wheels • Brakes
 section beginning on page 315



Cleveland Conversion Kit

Replace your original Goodyear wheels and brakes. This kit is approved by Type Certificate and is easy to install, requiring no modification to existing beam and axle assembly.

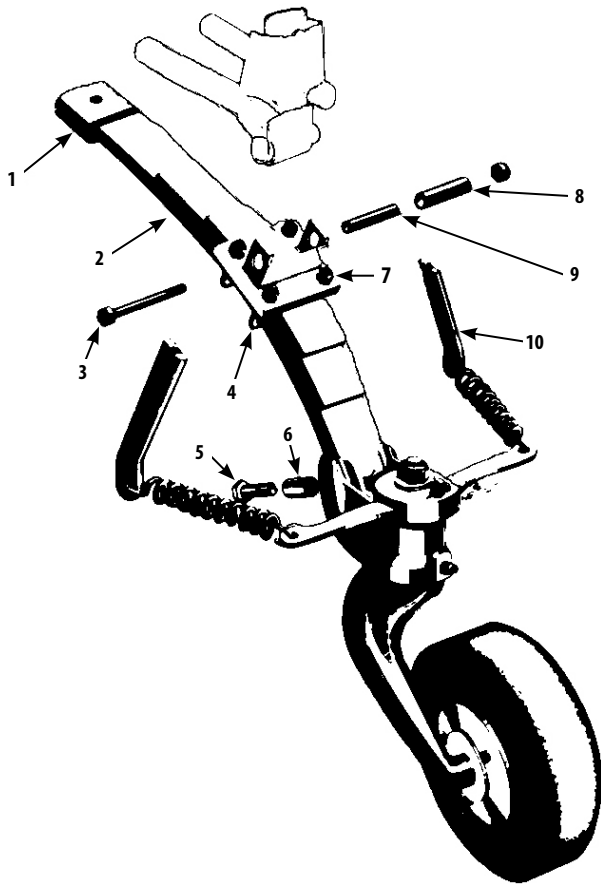


- Tire size: 7.00-6
- Will fit late model 108-3 with early axle nut and different plumbing

Cleveland Wheels & Brakes Kit 199-08700 **\$2,439.66**

Toll Free Sales 1-888-433-5433
Order online at www.univair.com

Tailwheel and Spring Assembly



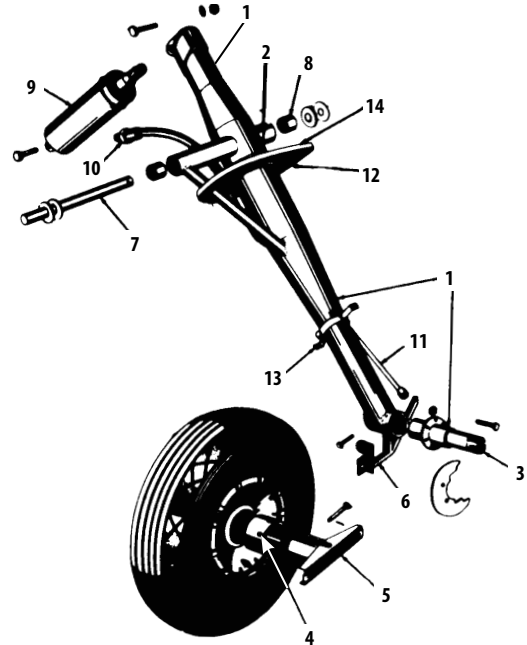
- 1) Tailwheel Spring Cushion 108-5311000-6 **\$12.39**
- 2) Tailwheel Spring Assembly 108-5311002-2 **\$221.40**
- 3) Bolt AN5-25 **\$1.65**
- 4) Tailwheel Spring "U" Bolt 108-5311005 **\$44.04**
- 5) Bolt AN8-14 **\$4.00**
- 6) Bushing 108-5311004 **\$16.18**
- 7) Tailwheel Spring Fitting Assembly 108-5311003-2 **\$263.45**
- 8) Bushing, SN 1 to 2838 108-5311000-12 **\$35.24**
- 9) Bushing 108-5311000-10 **\$39.29**
- 10) Steering Fork 108-2583 **\$130.96**

Landing Gear Fairing

- Left Fairing
108-5101100-10 **\$302.76**
- Right Fairing
108-5101100-15 **\$302.76**



Landing Gear Assembly



- 1) Beam Assembly, Landing Gear
Left (Includes Axle), SN 1 to 4124 108-5111000-0 **\$2,236.25**
Right (Includes Axle), SN 1 to 4124 108-5111000-1 **\$2,236.25**
- 2) Clamp Assembly, Landing Gear Strut, Upper 108-5101103 **\$46.34**
- 3) Axle Assembly, SN 1 to 4124 108-5611001 **\$733.43**
- 4) Axle Nut, Goodyear 108-5111006 **\$58.49**
Axle Nut, Cleveland (5111006-6) 108-5112006-6 **\$41.28**
- 5) Bracket, Wheel Pant, Outer 108-5101104 **\$135.53**
- 6) Bracket Assembly, Wheel Pant, Inner
Left 108-5101105-0 **\$159.01**
Right 108-5101105-1 **\$168.16**
- 7) Pin, Landing Gear Hinge 108-5111005 **\$211.25**
- 8) Bushing, Landing Gear Hinge Pin 108-5111003 **\$46.04**
- 9) Strut Assembly, Landing Gear Shock 108-5181000 **\$1,481.30**
- 10) Hose Assembly, Flexible Brake,
Goodyear (5101304) 108-5101304-1 **\$202.23**
- 11) Brake Line, Goodyear 108-5101000-18 **\$105.96**
Brake Line, Cleveland 108-5102017 **\$67.40**
- 12) Bulkhead, Inboard Landing Gear Strut Fairing
Left 108-5101102-8 **\$41.09**
Right 108-5101102-9 **\$41.10**
- 13) Clamp, Landing Gear Strut Fairing, Lower 108-5101107 **\$94.31**
- 14) Bulkhead, Outboard Landing Gear Strut Fairing
Left 108-5101102-6 **\$65.05**
Right 108-5101102-7 **\$65.05**

Bushwheel 3200 Tailwheel

The 3200 series is a lightweight 8 inch tailwheel assembly designed to provide positive steering control far beyond rudder travel, and to release easily and automatically to full swivel when aircraft is turned around. The swivel mechanism is sealed to keep out water, sand and mud. Grease fittings are provided for lubrication. Precision components provide years of trouble-free service under severe operating conditions. Pneumatic assembly.



Pneumatic Assembly 3200 Tailwheel..... ABI-3200 **\$1,175.00**

Manuals

Description	Part #	Price
108 Series Parts Catalog.....	SPM	\$27.97
General Service Manual	SSM	\$36.93
Service Bulletins and Letters.....	SBL	\$25.82
Stinson Specifications, ADs and STCs.....	SSS	\$10.76
108 CAA Operating Limits	108CAA	\$6.45
108-1 CAA Approved Operating Limits.....	1CAA	\$9.01
108-2 CAA Approved Flight Manual	2CAA	\$6.45
108-3 CAA Approved Flight Manual	3CAA	\$6.45
108-1 Owner's Manual.....	1WM	\$14.70
108-2 Owner's Manual.....	2WM	\$14.70
108-3 Owner's Manual.....	3WM	\$14.70
108-1 Seaplane Operating Limits.....	1SP	\$9.01
108-2 Seaplane Flight Manual.....	2SP	\$6.45
108-3 Seaplane Flight Manual.....	3SP	\$6.45
108 Ski-Plane Supplement.....	SKS	\$1.81
108-1 Ski-Plane Supplement	1SKS	\$1.81
108-2/-3 Sensenich Propeller Supplement	SFMS	\$1.08
Appendix A Supplement (165hp Conversion)	SXA	\$1.81
Stinson Story of Aircraft Progress.....	SSY	\$20.80
Stinson Time/Speed/Distance Computer.....	SWC	\$11.29
Stinson Computer Instructions.....	SCI	\$6.34

Stinson's Golden Age, Volumes 1 and 2

Stinson's Golden Age is about the history of the Stinson 108 series airplane (the Voyager), although the Stinson 105, Stinson 10 and 10A, as well as the Stinson L-5, are also covered in great detail. It begins in *Stinson's Golden Age, Volume 1*, with the three-place 105 in 1938 and concludes in *Stinson's Golden Age, Volume 2*, with the sale of the last Stinson 108-3 from Willow Run in 1950. Stinson's Golden Age includes production figures, the disposal of surplus military aircraft, the all-Piper Apache and the chronicle of two Stinson dealers, all included to give the reader a better sense of the Golden Age of Aviation.



Stinson's Golden Age, Volume 1 SGA-1 **\$26.95**
 Stinson's Golden Age, Volume 2 SGA-2 **\$26.95**

Modification Kits

Stinson Jettison Door Kit

- Factory manufactured and approved
 - Required for aircraft certified in the utility category
 - Includes all parts and installation instructions
- For SN 1 to 3929..... 108-3992046 **\$803.17**
 For SN 3930 and up..... 108-3992046-1 **\$652.61**

Rudder Pulley Modification Kit

- Complies with SB 266 (Piper Bulletin 114)
- Modification Kit 750-189 **\$319.54**

Float Fitting Kit

- Complete with blueprint installation instructions
 - Welding is required
- 108-3901001 **\$1,067.46**



Rudder Bungee Kit

- Bungee Kit is required when 165hp or larger engine is installed in 108 or 108-1 Stinson. Some welding is required.
- 108-3042450 **\$2,311.06**



Tail Section

Description	Part #	Price
Tail Light Bracket, 1948.....	108-2661001	\$61.04
Bearing (CS2170).....	CS3906	\$29.16

Horizontal Stabilizer

Horizontal Stabilizer Assembly, 1946-1948.....	108-2111020	\$6,860.01
Center Hinge Fitting, 1946-1947	108-2111012	\$145.29
Outboard Left Skin, 1948	108-2111020-6	\$194.70
Inboard Right Skin, 1948	108-2111020-14	\$194.70
Fairing Plate Assembly, Left, 1946-1947	108-3001445-0	\$41.60
Fairing Plate Assembly, Right, 1946-1947.....	108-3001445-1	\$41.60

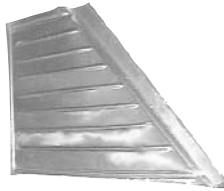
Vertical Stabilizer

Vertical Stabilizer Assembly	108-2311000	\$3,357.31
Lower Hinge Bracket	108-2311013	\$9.41
Fabric Strip	108-2311016	\$18.93
Fabric Trim Strip, SN 2125 to 3500	108-2311017	\$21.13
Leading Edge Fabric Band, 1948	108-2312018-6	\$14.01
Side Trim Band, Left, 1948 (108-2312019-7)	108-2312019-6	\$54.56
Outboard Fabric Side Strip, Left, 1948	108-2312020-6	\$10.94
Inboard Fabric Side Strip, Left, 1948 (2312020-8)	108-2312020-6	\$10.94
Rear Spar, 1948	108-2312050-16	\$174.78
Front Spar, 1948	108-2312050-40	\$294.50
Dorsal Skin, 1948, Left	108-2312050-52	\$162.08
Right	108-2312050-53	\$97.18
Center Hinge Fitting, 1946-1947	108-2611012	\$144.02

Vertical Stabilizer Skin

• Upper vertical stabilizer skin stamping for 108-3 (original style)

Left	108-2312050-20	\$672.39
Right	108-2312050-21	\$672.39

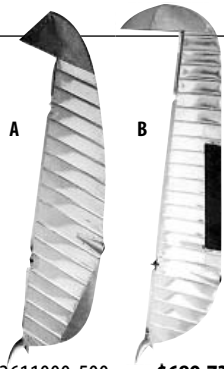


Rudders

These rudders and skin kits DO NOT have the original Stinson dimple corrugation; they use the Piper-Stinson designed "V" type corrugation.

Rudders

A) For 108, 108-1, 108-2		
108-2611000	\$2,812.12	
B) For 108-3 (Includes Tab)		
108-2602100	\$3,408.94	
Rudder Skin Kit		
For 108, 108-1, 108-2	108-2611000-500	\$689.73
For 108-3	108-2602100-500	\$1,140.40



Rudder Bungee Kit

Bungee Kit is required when 165hp engine or larger engine is installed in 108 or 108-1 Stinson. Some welding required.

Complete Bungee Kit	108-3042450	\$2,311.06
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Additional Rudder Parts

Steering Arm	108-2583	\$130.96
Top Skin, 1948, Left	108-2602100-8	\$192.79
Right	108-2602100-9	\$192.79
Spar, 1948 (2602100-18)	108-12905-4	\$121.07
Trim Tab, 1948 (2602100-64)	108-12905-12	\$281.74
Light Housing, 1948, Left (2602100-68)	108-12905-11	\$71.48
Right (2602100-69)	108-12905-11	\$71.48
Trim Tab Spring, 1948	108-2602101-6	\$13.17
Top Skin, 1946-1947, Left	108-2611000-8	\$31.03
Right	108-2611000-9	\$31.03
Horn, with Bearing, 1948	108-2611008-2	\$169.61

Elevators

These elevators DO NOT have the original Stinson dimple corrugation; they use the Piper-Stinson designed "V" type corrugation.



Left (with Trim Tab)	108-2201007-0	\$4,327.40
Right	108-2201007-1	\$4,327.40

Additional Elevator Parts

Trim Tab Assembly, 1946-1947	108-2201001-0	\$286.97
Elevator Horn	108-2201006	\$91.53
Tab Mechanism Cover Assembly	108-2201012	\$19.79
Rudder Trim Casing Assembly	108-2241602	\$146.18
Rudder Tab Mechanism Housing	108-2241603	\$90.97
Tab Control Shaft Assembly	108-2241606	\$85.49
Trim Tab Control Shaft Assembly, Complete	108-2241608	\$389.88
Trim Tab Mechanism Rod Assembly	108-2241610	\$171.66

Wings

Description

Part

Price

Flap Assembly		
Left	108-12906	\$2,936.31
Right	108-12906-1	\$2,936.31
Wing Gap Band		
Upper, Left	108-1101002-6	\$47.92
Upper, Right	108-1101002-7	\$47.92
Lower, Left	108-1101003-6	\$65.38
Lower, Right	108-1101003-7	\$65.38
Fuel Tank Strap Reinforcement	108-1101013	\$10.76
Fuel Tank Strap Cover	108-1101014	\$30.80
Front Spar Tip		
Left	108-1111006-6	\$83.70
Right	108-1111006-7	\$83.70
Spar Drag Wire Block		
Station 169.97, Left	108-1111051-6	\$41.42
Station 169.97, Right	108-1111051-7	\$41.42
Station 128.84, Left	108-1111063-6	\$53.66
Station 128.84, Right	108-1111063-7	\$32.32
Station 1.25, Left	108-1111074-8	\$35.80
Station 1.25, Right	108-1111074-9	\$35.80
Rear Spar Tip		
Right, 1946-1947	108-1111061-7	\$47.09
Left, 1946-1948	108-1111061-8	\$66.18
Right, 1948	108-1111061-9	\$66.18
Left Rear Spar Lift Strut Forward Bracket		
Serial numbers 1 to 742	108-1111065-0A	\$281.09
Serial numbers 743 and up	108-1111065-0B	\$281.09
Right Rear Spar Lift Strut Forward Bracket		
Serial numbers 1 to 742	108-1111065-1A	\$281.09
Serial numbers 743 and up	108-1111065-1B	\$281.09

Front Spar Forward Fitting		
Left	108-1111076-400	\$96.99
Right	108-1111076-401	\$96.99
Rear Spar Forward Fitting, 1946-1947		
Left	108-1112078-400	\$65.03
Right	108-1112078-401	\$65.03
Rear Spar Aft Fitting, 1946-1947		
Left	108-1112079	\$40.74
Right	108-1112079-1	\$53.66
Landing Light		
Bracket	108-1111088	\$42.27
Bracket	108-1111089	\$42.27
Lens, Clear	108-1111091	\$58.07
Lens Retainer	108-1111086	\$22.16
Lens Retainer	108-1111087	\$18.72
Reflector	108-1161003	\$19.79
Retainer (1111084)	108-1111084-6	\$27.60
Retainer	108-1111126	\$51.22
Vent Intake Grille	108-1111130	\$25.39
Fuel Tank Cap, 1946-1947	108-1121111	\$125.92
Fuel Tank Strap Assembly	108-1121119	\$128.65
Fuel Gauge Sender (1517050)	7740-313	\$320.13
Pitot Tube Assembly	108-1131002	\$265.40
Aileron Bellcrank, SN 1 to 3109		
Left	108-1141204-0	\$285.90
Right	108-1141204-1	\$285.90
Aileron		
Idle Cable	108-1141206	\$106.02
Control Cable	108-1141208	\$91.47
Bellcrank Assembly, Left, SN 3110 and up	108-1142204-0	\$204.80
Bellcrank Assembly, Right, SN 3110 and up	108-1142204-1	\$204.80
Trim Tab, SN 2250 to 3500	108-1711014	\$5.38
Flap Bellcrank		
Left Support, SN 1 to 3109	108-1141501-0	\$77.17
Right Support, SN 1 to 3109	108-1141501-1	\$77.17
Left Support, SN 3110 and up	108-1141501-2	\$132.84
Right Support, SN 3110 and up	108-1141501-3	\$118.35
Flap Control		
Cable	108-1141506	\$94.58
Bellcrank, SN 3110 and up	108-1142500	\$245.13
Wing Leading Edge Slat	108-1811300-2	\$484.80
Rear Strut Yoke	108-1911013	\$82.98
Flap Return Spring	108-8441000	\$61.45
Flap Level Spring	108-8441001	\$5.38
Bearing (CS1255)	452-342	\$2.50

Aileron Inspection Hole Frame and Cover



Aileron Inspection Hole		
Frame	108-1711011	\$8.61
Cover	108-1711012	\$16.91

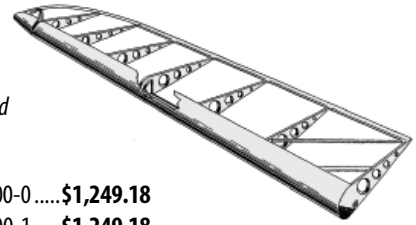
Pitot Tube

108-1131002 **\$265.40**



Aileron For All 108 Series

- *Uncovered*
- *On 108-3 aircraft, these ailerons may be used instead of the 1712020-0 and 1712020-1, if used in pairs*



Left	108-1711000-0	\$1,249.18
Right	108-1711000-1	\$1,249.18

Wing Assemblies, Uncovered

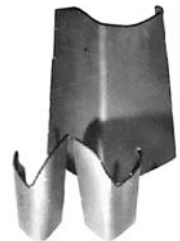


- *Wings exclude flaps, ailerons, pitot tubes, fuel tanks and landing lights*
- *See page 141 for listing of wing parts*
- *Available while supply lasts*

1946-1947		
Left	108-1111000-1	\$15,134.28
Right	108-1111001-1	\$15,134.28
1948		
Left	108-1111000-2	\$15,134.28
Right	108-1111001-2	\$15,134.28

Strut Fillets

Lift Strut – Upper Fillet		
Front, Left	108-1001001-0	\$84.18
Front, Right	108-1001001-1	\$84.18
Rear, Left	108-1001002-0	\$81.73
Rear, Right	108-1001002-1	\$81.73
Lift Strut – Lower Fillet		
Left	108-1001003-0	\$181.02
Right	108-1001003-1	\$181.02



Lift Struts for 108 Series

Front Strut		108-1911000	\$1,524.49
Rear Strut		108-1911010	\$1,223.14



Landing Light Lens

Clear	108-1111091	\$58.07
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Leading Edge Slat

- *Applicability: All 108 Stinsons*
- | | | |
|-------------------------|---------------------|-----------------|
| Leading Edge Slat | 108-1811300-2 | \$484.80 |
|-------------------------|---------------------|-----------------|



Wing Assembly

- 1946 and 1947 wing assemblies may not be used on 1948 (108-3) airplanes
- When ordering always include part number, description, and aircraft serial number
- Separate crating charges apply for wing assemblies; see table on page 364 for details

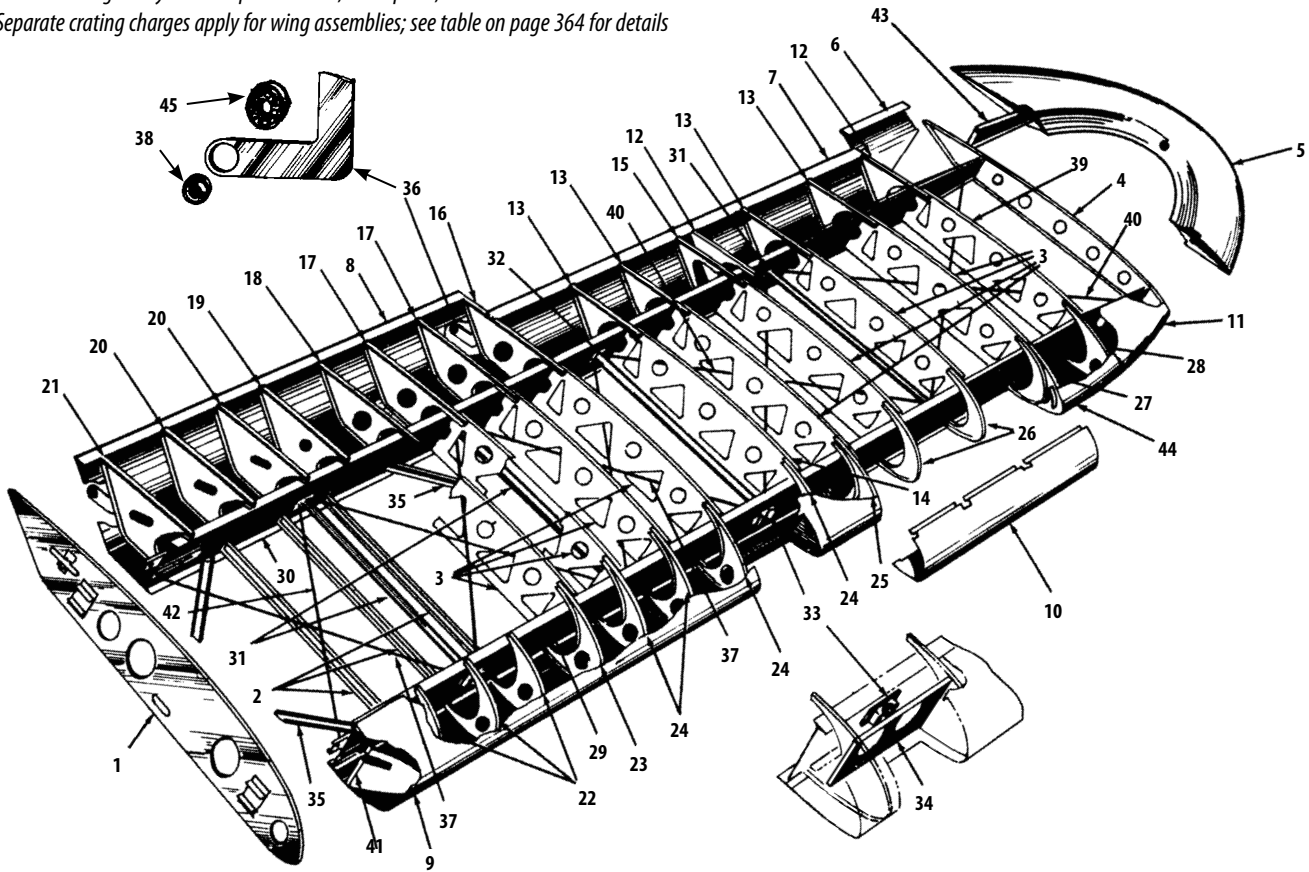


Fig. #	Description	Code	# Req'd	Year of Aircraft	Part #	Price
1	Rib Assembly, Wing Root, Left	A	1	1946, 1947	108-1111038-0	\$422.49
	Rib Assembly, Wing Root, Right	A	1	1946, 1947	108-1111038-1	\$368.63
	Rib Assembly, Wing Root, Left	B	1	1947	108-1111038-2	\$280.62
	Rib Assembly, Wing Root, Right	B	1	1947	108-1111038-3	\$724.29
	Rib Assembly, Wing Root, Left		1	1948	108-1111038-4	\$299.28
	Rib Assembly, Wing Root, Right		1	1948	108-1111038-5	\$299.28
2	Wing Rib, Stations 12.88 through 33.50	C	6	1946, 1947, 1948	108-1111009	\$112.13
3	Wing Rib		16	1946, 1947, 1948	108-1111010	\$103.09
4	Wing Rib, Left Tip, Station 170.19		1	1946, 1947, 1948	108-1111032-0	\$184.62
	Wing Rib, Right Tip, Station 170.19		1	1946, 1947, 1948	108-1111032-1	\$164.58
5	Tip Assembly, Left Wing		1	1946, 1947, 1948	108-1111050-0	\$1,440.07
	Tip Assembly, Right Wing		1	1946, 1947, 1948	108-1111050-1	\$2,003.38
6	Wing Trailing Edge, Left, Stations 156.00 through 170.19		1	1946, 1947, 1948	108-1111047-0	\$119.84
	Wing Trailing Edge, Right, Stations 156.00 through 170.19		1	1946, 1947, 1948	108-1111047-1	\$119.84
7	Wing, Outboard Trailing Edge Assembly, Left		1	1946, 1947, 1948	108-1111046-0	\$328.74
	Wing, Outboard Trailing Edge Assembly, Right		1	1946, 1947, 1948	108-1111046-1	\$328.74
	Wing, Inboard Trailing Edge Assembly, Left		1	1946, 1947	108-1111045-0	\$328.74
8	Wing, Inboard Trailing Edge Assembly, Right		1	1946, 1947	108-1111045-1	\$328.74
	Wing, Inboard Trailing Edge Assembly, Left		1	1948	108-1111045-2	\$328.74
	Wing, Inboard Trailing Edge Assembly, Right		1	1948	108-1111045-3	\$328.74
	Skin Assembly, Left Wing Leading Edge, Root Rib to Station 104.31		1	1946, 1947	108-1111043-6	\$413.28
9	Skin Assembly, Right Wing Leading Edge, with Landing Lights		1	1946, 1947	108-1111043-7	\$372.94
	Skin Assembly, Left Wing Leading Edge, Root Rib to Station 104.31		1	1948	108-1111043-10	\$342.41
	Skin Assembly, Right Wing Leading Edge, Root Rib to Station 104.31		1	1948	108-1111043-11	\$342.43
10	Leading Edge Skin, Left, Stations 104.31 through 143.81		1	1946, 1947, 1948	108-1111040-6	\$67.96
	Leading Edge Skin, Right, Stations 104.31 through 143.81		1	1946, 1947, 1948	108-1111040-7	\$78.90

Chart continued on next page

Wing Assembly (continued)

Fig. #	Description	Code	# Req'd	Year of Aircraft	Part #	Price
11	Outboard Leading Edge Skin, Left		1	1946, 1947, 1948	108-1111041-10	\$358.57
	Outboard Leading Edge Skin, Right		1	1946, 1947, 1948	108-1111041-11	\$358.57
12	Hanger Assembly, Wing Trailing Edge, Left, Stations 116.875, 155.875		2	1946, 1947, 1948	108-1111021-0	\$255.66
	Hanger Assembly, Wing Trailing Edge, Right, Stations 116.875, 155.875		2	1946, 1947, 1948	108-1111021-1	\$255.66
13	Former, Wing Trailing Edge		8	1946, 1947, 1948	108-1111013	\$28.46
14	Wing Rib, Station 94.00		2	1946, 1947, 1948	108-1111123	\$83.77
15	Former, Wing Trailing Edge, Station 113.50		2	1946, 1947, 1948	108-1111108	\$25.68
16	Hanger Assembly, Wing Trailing Edge, Station 77.875, Left or Right		1	1946, 1947, 1948	108-1111028	\$219.39
17	Former, Wing Trailing Edge		4	1946, 1947, 1948	108-1111008-6	\$29.91
	Hanger Assembly, Wing Trailing Edge, Left, Station 46.00		1	1946, 1947	108-1111011-400	\$172.93
	Hanger Assembly, Wing Trailing Edge, Right, Station 46.00		1	1946, 1947	108-1111011-401	\$172.93
	Hanger Assembly, Wing Trailing Edge, Left, Station 46.00		1	1948	108-1112149-1	\$305.09
	Hanger Assembly, Wing Trailing Edge, Right, Station 46.00		1	1948	108-1112149-0	\$135.56
19	Former, Wing Trailing Edge, Station 33.50		2	1946, 1947, 1948	108-1111107	\$25.68
20	Former, Wing Trailing Edge		4	1946, 1947, 1948	108-1111029-6	\$28.46
	Hanger Assembly, Wing Trailing Edge, Left, Station 1.625	D	1	1946, 1947, 1948	108-1111012-0	\$172.93
	Hanger Assembly, Wing Trailing Edge, Right, Station 1.625		1	1946, 1947, 1948	108-1111012-1	\$172.93
21	Hanger Assembly, Wing Trailing Edge, Left, Station 1.625	E	1	1946, 1947, 1948	108-1111012-2	\$172.93
	Former, Wing Leading Edge, Station 12.88 through 35.50 and 104.31		6	1946, 1947, 1948	108-1111020-6	\$30.74
22	Former, Wing Leading Edge, Station 46.00		1	1946, 1947, 1948	108-1111110	\$88.34
23	Former, Wing Leading Edge, Station 43.875 through 94.00 and 143.81		4	1946, 1947, 1948	108-1111016	\$58.22
24	Former Assembly, Wing Leading Edge		1	1946, 1947, 1948	108-1111072	\$96.56
25	Former, Wing Leading Edge, Station 104.31 through 130.56		4	1946, 1947, 1948	108-1111017	\$53.20
26	Former Assembly, Wing Leading Edge		1	1946, 1947, 1948	108-1111073	\$138.08
27	Former, Wing Leading Edge, Station 156.00		2	1946, 1947, 1948	108-1111015	\$35.11
	Wing Spar Assembly, Left Front		1	1946, 1947	108-1111002-2	\$1,212.63
	Wing Spar Assembly, Right Front		1	1946, 1947	108-1111002-3	\$1,212.63
	Wing Spar Assembly, Left Front		1	1948	108-1112146	\$2,219.84
	Wing Spar Assembly, Right Front		1	1948	108-1112146-1	\$2,219.84
	Wing Spar Assembly, Left Rear	F	1	1946, 1947	108-1111060-2	\$725.72
	Wing Spar Assembly, Left Rear	G	1	1947	108-1111060-4	\$725.72
	Wing Spar Assembly, Right Rear	G	1	1947	108-1111060-5	\$725.72
	Wing Spar Assembly, Left Rear		1	1948	108-1112147-0	\$2,140.56
	Wing Spar Assembly, Right Rear		1	1948	108-1112147-7	\$881.39
28	Tube, Wing Brace		6	1946, 1947	108-1111109-6	\$48.84
	Tube, Wing Brace		6	1948	108-1111109-8	\$48.84
29	Tube Assembly, Wing, Compression		2	1946, 1947	108-1111025-1	\$242.38
	Tube Assembly, Wing, Compression		2	1948	108-1111025-1	\$242.38
30	Block, Wing Drag Wire Spar, Left, Station 87.188		2	1946, 1947, 1948	108-1111049-6	\$35.56
	Block, Wing Drag Wire Spar, Right, Station 87.188		2	1946, 1947, 1948	108-1111049-7	\$35.56
31	Support, Landing Light		1	1946, 1947, 1948	108-1111083	\$20.48
32	Wing Brace, Stations 0.00 and 46.00 rib		8	1946, 1947, 1948	108-1111106	\$11.43
33	Hanger Assembly, Flap and Aileron Hinge (Includes #38)		10	1946, 1947, 1948	108-1111034	\$118.33
34	Drag Wire, Wing, 41½ inches long		10	1946, 1947, 1948	108-1111054-6	\$33.19
35	Bearing (CS2170)		10	1946, 1947, 1948	CS3906	\$29.16
36	Wing Rib, Station 155.875		2	1946, 1947, 1948	108-1111124	\$92.50
37	Drag Wire, Wing, 51 inches long		8	1946, 1947, 1948	108-1111054-7	\$72.82
	Bulkhead, Cabin Ventilator Air Intake, Left Wing		1	1946, 1947, 1948	108-1111104-6	\$21.77
38	Bulkhead, Cabin Ventilator Air Intake, Right Wing		1	1946, 1947, 1948	108-1111104-7	\$21.77
	Drag Wire, Wing, 41½ inches long		2	1946, 1947	108-1111054-10	\$35.56
39	Drag Wire, Wing, 41¾ inches long		2	1948	108-1111054-10	\$35.56
	Wing Rib, Spar Tip		2	1946, 1947, 1948	108-1111122	\$64.45
40	Skin, Inboard Leading Edge, Left		1	1946, 1947, 1948	108-1111041-8	\$417.43
	Skin, Inboard Leading Edge, Right		1	1946, 1947, 1948	108-1111041-9	\$417.43
41	Washer, Felt		22	1946, 1947, 1948	108-8001001	\$2.05

Code A: SN 1 to 2572

Code B: SN 2573 to 3500

Code C: Six each on SN 1 to 3500; eight each on SN 3501 and up

Code D: SN 1 to 2509

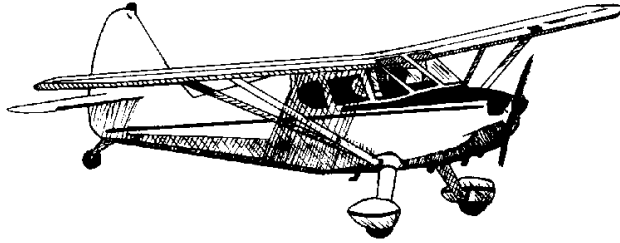
Code E: SN 2510 and up

Code F: SN 1 to 3109

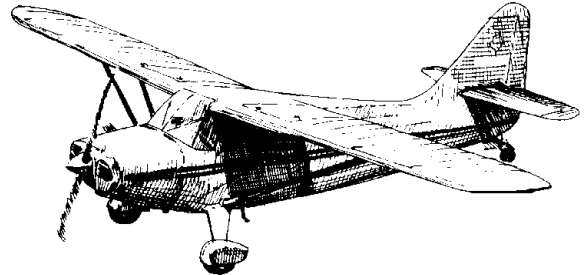
Code G: SN 3110 to 3500

Engine Conversion Kits

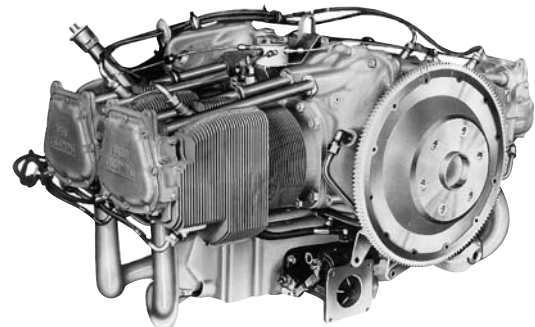
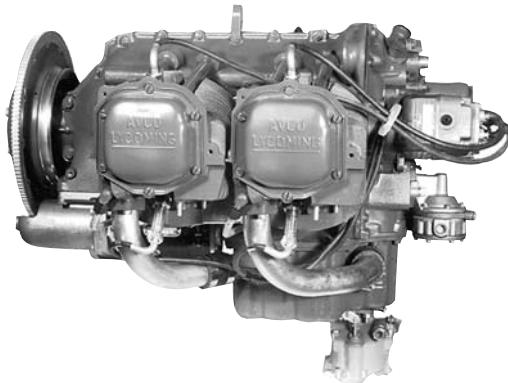
Lycoming Engine Conversions for Stinson Now Available!



108, 108-1, 108-2, 108-3 180hp



108-3 200hp



For 108, 108-1, 108-2, 108-3: 180hp Lycoming O-360 (STC-SA2718NM)..... 180MK..... \$12,729.07

For 108-3: 200hp Lycoming IO-360 (STC-SA1552NM) 200MK..... \$12,287.93

Univair holds STC approval SA2718NM for the O-360 series Lycoming engine (180hp) for the 108, 108-1, 108-2, and 108-3 Stinsons. Univair also holds the STC for the IO-360 series engine (200hp) for the 108-3. These engines offer increased performance, a 2,000 hour TBO for the O-360, an 1,800 hour TBO for the IO-360. Besides an improvement in TBO over the original Franklin engines, these engines offer greater serviceability. They run on the more readily available 100LL avgas and are two of the most popular engines in use in general aviation today. Univair can supply for these conversions: engine mounts, baffles, exhaust systems, propellers and various detail parts, including rudder bungee and ½ inch fuel lines when required. Univair can supply all necessary ½ inch fuel line components except the fuel valve.

165 Franklin vs. 180/200 Lycoming

165 Franklin			180 Lycoming			200 Lycoming	
% Power	Output	Fuel Consumption	% Power	Output	Fuel Consumption	Output	Fuel Consumption
82%	135hp	10.5 gph	75%	135hp	10.5 gph	150hp	10.4 gph
75%	123hp	9.7 gph	68%	122hp	9.5 gph	137hp	9.4 gph
71%	117hp	9.3 gph	65%	117hp	9.0 gph	130hp	9.1 gph
65%	107hp	8.6 gph	61%	110hp	8.4 gph	123hp	8.5 gph
			55%	99hp	7.4 gph	110hp	7.5 gph

There is a standard and wide deck version of the Lycoming O-360 and IO-360. To provide the appropriate components, we need to know which engine you have. This can be determined for either the 180hp or 200hp engines by looking at the serial numbers. Narrow deck engines have a "-36" at the end of the serial number. Wide deck engines have a "-36A" at the end of the serial number.

Lycoming O-360 Series – 180hp

Our STC covers the installation of the O-360 series* 180hp Lycoming engine with fixed-pitch Sensenich propeller for the entire 108 series of Stinsons. The 3/8 inch fuel lines in the 108 and 108-1 will have to be replaced with 1/2 inch fuel lines. This will require a modification of the fittings on the fuel tanks. Univair can supply all the necessary 1/2 inch fuel line components with the exception of the fuel valve. Also, the 108 and 108-1 will require the Rudder Bungee Kit if not already installed. Neither the fuel lines or Rudder Bungee Kit are included in the Minimum or Detail kits listed below; they must be purchased separately from Univair. The 108-2 and 108-3 already have 1/2 inch fuel lines. The 108-2 will also have the Rudder Bungee Kit already installed. The 108-3 does not require the Rudder Bungee Kit as it has a rudder with a pilot adjustable trim tab.

This engine conversion will allow the use of the existing cowling requiring some modifications to the nose and lower cowl.

Below are lists of major items that we require as a minimum of purchased parts from Univair. These Minimum Conversion Kits will be sold only as a complete package. Other "detail" items are needed for the installation. However, they may be purchased individually from Univair or from other vendors. These include items such as controls, ducting, hoses, etc.

Note: In developing this STC installation, Univair used the narrow (standard) deck engine. Installations using the later wide deck engines may require minor modifications to the baffling.

*O-360 engines approved for this STC are O-360-A1A, -A1D, -A1F, -A1F6, -A1F6D, -A2A, -A2D, -A1AD, -A2E, -A2F, -A3A, -A3AD, -A4AD, -A4M, and -A5AD

Kits

Minimum Kit (See List Below Left)	180MK	\$12,729.07
Detail Kit (See List Below Right)	180DK	\$5,149.02
Sensenich Propeller 76EM8 Series.....			CALL
Rudder Bungee Kit*	108-3042450	\$2,311.06

**Required for 108 and 108-1*

180MK Minimum Kit \$12,729.07

This kit includes the parts listed below. Engine not include with kit.

Description	Quantity	Part #
Engine Mount	1	108-U9001023
Baffle Set	1	O-360
Oil Cooler	2	8000075
Oil Cooler Take Off	1	108-U-9001024
Spinner Assembly	1	U14422-B
Carburetor Air Box.....	1	108-U9001059
Exhaust Manifold	1	108-U9001064
Muffler Assembly.....	2	108-U9001015-3A
Shroud	1	108-6222209-20
Shroud	1	108-6221210-20
Shroud Clip.....	2	108-6221704
Flame Tube.....	2	108-U9001061
Bracket.....	1	108-U9001062
Muffler Hanger	2	108-6221710
Leather Gasket	1	11950-004
Oil Pressure Tube.....	1	108-U9001002-2
Fuel Line	1	108-6222101-10
Oil Cooler Tube	1	108-U9001002-56
Oil Cooler Tube	1	108-U9001002-57
Oil Cooler Tube	1	108-U9001002-58
Eyebrow	1	108-6022421
Alternator Adjustment Arm	1	108-U9001051
Alternator Belt	1	3L320
STC Paperwork and Blueprints	1	SA2718NM

Customers with wide deck engines who wish to convert from a generator to an alternator can purchase the 015-01236WD Alcor Alternator Kit from InterAv (phone 210-344-2785). The adjustment bracket supplied in this kit is not applicable; however that bracket (108-U9001062) can be supplied at no additional charge upon request.

180DK Detail Kit..... \$5,149.02

This kit includes the items listed below, or they can be purchased individually.

Description	Quantity	Part #	Price
Oil Pressure Line.....	1	108-U-9001008-2	\$55.78
Aeroduct	2 ft	CAT16	\$11.32
Hose Clamps	2	200605	\$7.07
Tachometer Cable	1	TACH-37	\$99.53
Aeroduct	1 ft	SCAT4	\$7.47
Aeroduct	2 ft	SCEET8	\$16.70
Aeroduct	8 ft	SCAT8	\$10.43
3/4 inch hose.....	3 ft	MIL6000-12	\$8.37
Elbow	1	49X8	\$5.39
Button Lock Control.....	1	A700-10-0600	\$71.79
Throttle Control.....	1	A750-10-0526	\$103.98
Mixture Control	1	A750-20-0480	\$92.48
Lord Mount	4	J7402-24	\$143.50
Swivel	1	U70371-003	\$21.01
Rod End.....	2	89307-000	\$41.71
Air Filter Assembly	1	BA-4106	\$62.01
Tail Pipe	2	108-U-9001011	\$822.57
Baffle Air Scoop.....	1	108-U-9001055	\$363.25
Muffler Clamp.....	2	108-U-9001058	\$62.98
Hanger	1	108-U-9001053-00	\$41.17
Hanger	1	108-U-9001053-01	\$41.17
Cowl Reinforcement Ring.....	1	108-U-9001050	\$33.61
Bushing.....	1	108-U-9001065	\$3.86
Circuit Breaker.....	1	CLM-60	\$316.68
60-0-60 Ammeter	1	82311	\$45.57
Fitting	1	AN816-8D	\$6.20
Fitting (AN822-8D)	2	MS20822-8D	\$16.70
Fitting (AN823-8D)	3	MS20823-8D	\$14.90

Lycoming IO-360 Series – 200hp, Stinson 108-3 Only

Univair holds STC approval SA1552NM for the installation of the IO-360* 200hp engine conversion with Hartzell constant speed propeller on the 108-3 Stinson. This conversion is simple and a direct replacement of the Franklin 165hp engine and related accessories with a more modern, fuel efficient and more powerful Lycoming IO-360 series engine package.

This conversion retains the existing lower cowling; however, it must be modified. A new deeper nose cowl and longer side cowling are required. A new fuel boost pump is required. Because of the installation of the constant speed propeller and related accessories, the battery box must be relocated behind the baggage compartment.

There are standard and wide deck versions of the Lycoming IO-360. To insure that we provide the proper parts for your installation, we need to know which version you have. Information on how to determine this is on page 145.

Below is a list of major items required for this installation as contained in the Minimum Conversion Kit. This kit will only be sold only as a complete package. Other “detail” items needed for the conversion such as controls, ducting, hoses, etc., can be purchased individually.

Note: In developing this STC installation, Univair used the narrow (standard) deck engine. Installations using the later wide deck engines may require minor modifications to the baffling.

**IO-360 engines approved for this STC are IO-360-A1A, -A1B, -A1B6, and -A1C*

Kits

Conversion Kit

200hp Minimum Kit (See List Below Left)200MK ...**\$12,287.93**

All Metal Bottom Cowl for 200hp Conversion

Bottom Cowl 108-U-9001040 **\$2,278.46**

Hartzell Propeller and Accessories

Hartzell Propeller (HCC2YK-1BJ/7666A)81-C2K00040 **CALL**

GovernorH1 **CALL**

Hartzell Spinner Assembly835-44 **CALL**

Customers with wide deck engines who wish to convert from a generator to an alternator can purchase the 015-01236WD Alcor Alternator Kit from InterAv (phone: 210-344-2785). The adjustment bracket supplied in this kit is not applicable; however that bracket is supplied in the Minimum Conversion Kit at no additional charge.

200MK Minimum Kit **\$12,287.93**

This kit includes the parts listed below. Engine not include with kit.

Description	Quantity	Part #
Engine Mount	1	108-U9001023
Baffle Set	1	108-U9001020
Oil Cooler	2	8000075
Oil Cooler Take Off	1	108-U-9001024
Side Cowl Assembly	1	108-U9001032
Nose Cowl	1	108-U9001033
Bottom Cowl Modification Kit	1	108-U9001040KIT
Muffler Assembly, Left	1	108-U9001015-3A
Muffler Assembly, Right.....	1	108-U9001015-4A
Shroud	1	108-6222209-20
Exhaust Manifold	1	108-U9001034
Shroud Clip.....	2	108-6221704
Flame Tube.....	2	108-U9001010
Tailpipe Hanger Kit.....	1	108-U9001016KIT
Alternate Air Box Assembly.....	1	108-U9001019
Auxiliary Fuel Pump	1	1500-00-44
Baffle Bracket Kit	1	108-U9001021KIT
Alternator Drive Belt	1	8368
STC Paperwork and Blueprints	1	SA1552NM

Detail Parts

Parts listed below must be purchased individually.

Description	QTY	Part #	Price
Tailpipe, Left	1.....	108-U-9001013	\$309.62
Tailpipe, Right.....	1.....	108-U-9001014	\$309.62
Oil Cooler Flange Fitting.....	1.....	108-U-9001024	\$138.90
Auxiliary Fuel Pump Bracket	1.....	108-U-9001003	\$81.79
Governor Control.....	1.....	A750-10-0290	\$100.09
Throttle Control.....	1.....	A750-10-0526	\$103.98
Mixture Control.....	1.....	A750-20-0600	\$103.98
Alternate Air Control (032-22)	1.....	—	—
Throttle Bracket	1.....	108-U-9001004	\$45.27
Tachometer Cable	1.....	TACH-37	\$99.53
Ignition Switch for			
Non-Impulse Coupled Mags	1.....	10-357200-1	\$495.98
Battery Box Relocation Kit	1.....	U-108-3062020	\$588.12
60-0-60 Ammeter	1.....	82311	\$45.57
Manifold Pressure/Fuel Flow Gauge.....	1.....	—	—
Lord Mounts.....	4.....	J7402-24	\$143.50
Electrical Wiring, Complete Set	1.....	108-U-9001007KIT	\$349.94
Engine Hose Kit.....	1.....	HOSE-KIT	\$1,038.81
Air Filter Assembly	1.....	BA-5110	\$66.05
Ignition Vibrator Starter	1.....	10-176487-121	\$546.00
Circuit Breaker.....	1.....	CLM-60	\$316.68

Performance Information

Univair publishes no performance data for either of these engine conversions. The supplemental flight manuals for these installations do state that these conversions will deliver the same or better performance than what the aircraft was originally certified for. Neither of these engine conversions allow for an increase in gross weight.

Customers who have installed wither the 180hp or 200hp engine conversions have noted significantly better climb and short field performance especially with a climb propeller in the case of the 180hp installation. The same is true with the Hartzell constant speed propeller and 200hp installation on the 108-3. Customers have reported modest increases in airspeed with both installations. A greater increase in speed has been reported on the 108-3 with the 200hp installation compared to the 180hp installation. The original maximum structural cruise speed limit remains the same after the engine conversions.