

Stinson



108

108-1

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Stinson Section Index

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For items such as batteries, brakes, propellers, wheels and windshields, look in the specific sections in this catalog.	

Manuals



<i>Description</i>	<i>Part No.</i>
108 Series Parts Catalog.....	SPM
General Service Manual.....	SSM
Service Bulletins and Letters.....	SBL
Stinson Specifications, ADs and STCs.....	SSS
108 CAA Operating Limits.....	108CAA
108-1 CAA Approved Operating Limits.....	1CAA
108-2 CAA Approved Flight Manual.....	2CAA
108-3 CAA Approved Flight Manual.....	3CAA
108-1 Owner's Manual.....	1WM
108-2 Owner's Manual.....	2WM
108-3 Owner's Manual.....	3WM
108-1 Seaplane Operating Limits.....	1SP
108-2 Seaplane Flight Manual.....	2SP
108-3 Seaplane Flight Manual.....	3SP
108 Ski-Plane Supplement.....	SKS
108-1 Ski-Plane Supplement.....	1SKS
108-2/-3 Sensenich Prop. Supp.....	SFMS
Appendix A Supplement (165 hp. conversion).....	SXA
Stinson Story of Aircraft Progress.....	SSY
Stinson Time/Speed/Distance Computer.....	SWC
Stinson Computer Instructions.....	SCI

Manuals are Price Code 179

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

Wings

<i>Description</i>	<i>Part No.</i>
LH Upper Forward Lift Strut Fillet.....	108-1001001-0
RH Upper Forward Lift Strut Fillet.....	108-1001001-1
LH Upper Rear Lift Strut Fillet.....	108-1001002-0
RH Upper Rear Lift Strut Fillet.....	108-1001002-1
Left Hand Lower Lift Strut Fillet.....	108-1001003-0
Right Hand Lower Lift Strut Fillet.....	108-1001003-1
Lift Strut Lower Fillet Rib.....	108-1001004
Left Hand Upper Wing Gap Band.....	108-1101002-6
Right Hand Upper Wing Gap Band.....	108-101002-7
Left Hand Lower Wing Gap Band.....	108-1101003-6
Right Hand Lower Wing Gap Band.....	108-1101003-7
Fuel Tank Strap Reinforcement.....	108-1101013
Fuel Tank Strap Cover.....	108-1101014
Left Hand Front Spar Tip.....	108-1111006-6
Right Hand Front Spar Tip.....	108-1111006-7
Left Hand Spar Drag Wire Block -station 169.97.....	108-1111051-6
Right Hand Spar Drag Wire Block -station 169.97.....	108-1111051-7
Right Hand Rear Spar Tip, 1946-47.....	108-1111061-7
Left Hand Rear Spar Tip, 1946-1948.....	108-1111061-8
Right Hand Rear Spar Tip, 1948.....	108-1111061-9
Left Hand Spar Drag Wire Block -station 128.84.....	108-1111063-6
Right Hand Spar Drag Wire Block -station 128.84.....	108-1111063-7
Left Hand Rear Spar Lift Strut Forward Bracket serial numbers 1-742.....	108-1111065-0A
serial numbers 743 and up.....	108-1111065-0B
Right Hand Rear Spar Lift Strut Forward Bracket serial numbers 1-742.....	108-1111065-1A
serial numbers 743 and up.....	108-1111065-1B
Left Hand Spar Drag Wire Block -station 1.25.....	108-1111074-8
Right Hand Spar Drag Wire Block -station 1.25.....	108-1111074-9
LH Front Spar Forward Fitting.....	108-1111076-400
RH Front Spar Forward Fitting.....	108-1111076-401
Landing Light Retainer (1111084).....	108-1111084-6
Landing Light Lens Retainer.....	108-1111086
Landing Light Lens Retainer.....	108-111087
Landing Light Bracket.....	108-1111088
Landing Light Bracket.....	108-1111089
Landing Light Lens.....	108-1111091
Landing Light Retainer.....	108-1111126
Vent Intake Grill.....	108-1111130

Lift Struts for 108 Series



Front Strut.....	108-1911000
Rear Strut.....	108-1911010

Wings (continued)

Leading Edge Slat for all 108 Stinsons



Part Number.....108-1811300-2

<i>Description</i>	<i>Part No.</i>
Left Hand Rear Spar Forward Fitting, 1946-47.....	108-1112078-400
Right Hand Rear Spar Forward Fitting, 1946-1947.....	108-1112078-401
Left Hand Rear Spar Aft Fitting, 1946-1947.....	108-1112079
Right Hand Rear Spar Aft Fitting, 1946-1947.....	108-1112079-1
20-gallon Fuel Tank, Left Hand, 150 hp., 1946-1947 (reconditioned).....	108-1121101-0
20-gallon Fuel Tank, Right Hand, 150 hp., 1946-1947 (reconditioned).....	108-1121101-1
Fuel Tank Cap, 1946-1947.....	108-1121111
Fuel Tank Strap Assembly.....	108-1121119
Pitot Tube Assembly.....	108-1131002
LH Aileron Bellcrank, SN 1-3109.....	108-1141204-0
RH Aileron Bellcrank, SN 1-3109.....	108-1141204-1
Aileron Idler Cable.....	108-1141206
Aileron Control Cable.....	108-1141208
Flap Bellcrank Left Hand Support, SN 1-3109.....	108-1141501-0
Flap Bellcrank Right Hand Support, SN 1-3109.....	108-1141501-1
Flap Bellcrank Left Hand Support, SN 3110 and up.....	108-1141501-2
Flap Bellcrank Right Hand Support, SN 3110 and up.....	108-1141501-3
Flap Control Cable.....	108-1141506
Left Hand Aileron Bellcrank Assembly, SN 3110 and up.....	108-1142204-0
Right Hand Aileron Bellcrank Assembly, SN 3110 and up.....	108-1142204-1
Flap Control Bellcrank, SN 3110-up.....	108-1142500
Landing Light Reflector.....	108-1161003
Fuel Gauge Sender (1517050).....	7740-313



Aileron Inspection Hole Frame and Cover

Aileron Inspection Hole Frame.....	108-1711011
Aileron Inspection Hole Cover.....	108-1711012

Aileron Trim Tab, SN 2250-3500.....	108-1711014
Wing Leading Edge Slat.....	108-1811300-2
Rear Strut Yoke.....	108-1911013
Flap Return Spring.....	108-8441000
Flap Level Spring.....	PC 150 108-8441001
Bearing (CS1255).....	452-342

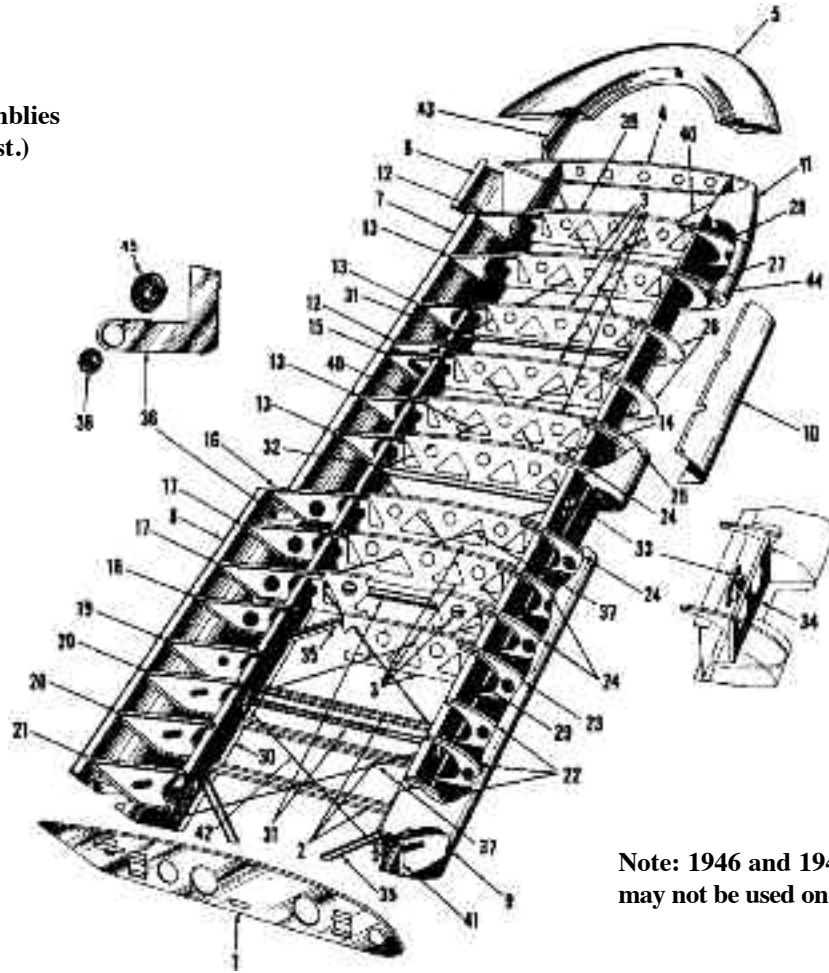
Landing Light Lens

Part Number
.....108-1111091



STINSON

(Crating charge for Wing Assemblies is found on first page of price list.)



When ordering always include **Part Number, Description, and Serial Number** of aircraft.

Note: 1946 and 1947 Wing Assemblies may not be used on 1948 (108-3) Airplanes.

Wing Assembly

Fig. No.	Part No.	Code*	Description	No. Req'd.	Year of Aircraft
1	108-1111038-0	...A	Rib Assembly, Wing Root, Left Hand	1	1946, 1947
	108-1111038-1	...A	Rib Assembly, Wing Root, Right Hand	1	1946, 1947
	108-1111038-2	...B	Rib Assembly, Wing Root, Left Hand	1	1947
	108-1111038-3	...B	Rib Assembly, Wing Root, Right Hand	1	1947
	108-1111038-4		Rib Assembly, Wing Root, Left Hand	1	1948
	108-1111038-5		Rib Assembly, Wing Root, Right Hand	1	1948
2	108-1111009	...C	Wing Rib, stations 12.88 through 33.50	6	1946, 1947, 1948
3	108-1111010		Wing Rib	16	1946, 1947, 1948
4	108-1111032-0		Wing Rib, Left Hand Tip, station 170.19	1	1946, 1947, 1948
	108-1111032-1		Wing Rib, Right Hand Tip, station 170.19	1	1946, 1947, 1948
5	108-1111050-0		Tip Assembly, Left Hand Wing	1	1946, 1947, 1948
	108-1111050-1		Tip Assembly, Right Hand Wing	1	1946, 1947, 1948
6	108-1111047-0		Wing Trailing Edge, Left Hand, stations 156.00 through 170.19	1	1946, 1947, 1948
	108-1111047-1		Wing Trailing Edge, Right Hand, stations 156.00 through 170.19	1	1946, 1947, 1948
7	108-1111046-0		Wing, Outboard Trailing Edge Assembly, Left Hand	1	1946, 1947, 1948
	108-1111046-1		Wing, Outboard Trailing Edge Assembly, Right Hand	1	1946, 1947, 1948
8	108-1111045-0		Wing, Inboard Trailing Edge Assembly, Left Hand	1	1946, 1947
	108-1111045-1		Wing, Inboard Trailing Edge Assembly, Right Hand	1	1946, 1947
	108-1111045-2		Wing, Inboard Trailing Edge Assembly, Left Hand	1	1948
	108-1111045-3		Wing, Inboard Trailing Edge Assembly, Right Hand	1	1948
9	108-1111043-6		Skin Assembly, Right Hand Wing Leading Edge, Root Rib to station 104.31	1	1946, 1947
	108-1111043-7		Skin Assembly, Left Hand Wing Leading Edge, with landing lights	1	1946, 1947
	108-1111043-10		Skin Assembly, Left Hand Wing Leading Edge, Root Rib to station 104.31	1	1948
	108-1111043-11		Skin Assembly, Right Hand Wing Leading Edge, Root Rib to station 104.31	1	1948

*Code A: SN 1 thru 2572

*Code B: SN 2573 thru 3500

*Code C: six each on SN 1 thru 3500; eight each on SN 3501 and up

All items on this page are Price Code 180 unless otherwise noted

Price and availability subject to change without notice. Univair's Toll Free Sales: 1-888-433-5433

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Wing Assembly (continued)

When ordering, always include **Part Number, Description, and Serial Number** of aircraft.

Fig. No.	Part No.	Code*	Description	No. Req'd.	Year of Aircraft
10	108-1111040-6		Leading Edge Skin, Left Hand, stations 104.31 through 143.81	1	1946, 1947, 1948
	108-1111040-7		Leading Edge Skin, Right Hand, stations 104.31 through 143.81	1	1946, 1947, 1948
11	108-1111041-10		Outboard Leading Edge Skin, Left Hand	1	1946, 1947, 1948
	108-1111041-11		Outboard Leading Edge Skin, Right Hand	1	1946, 1947, 1948
12	108-1111021-0		Hanger Assembly, Wing Trailing Edge, Left Hand, stations 116.875, 155.875	2	1946, 1947, 1948
	108-1111021-1		Hanger Assembly, Wing Trailing Edge, Right Hand, stations 116.875, 155.875	2	1946, 1947, 1948
13	108-1111013		Former, Wing Trailing Edge	8	1946, 1947, 1948
14	108-1111123		Wing Rib, station 94.00	2	1946, 1947, 1948
15	108-1111108		Former, Wing Trailing Edge, station 113.50	2	1946, 1947, 1948
16	108-1111028-400		Hanger Assembly, Wing Trailing Edge, Left Hand, station 77.875	1	1946, 1947, 1948
	108-1111028-401		Hanger Assembly, Wing Trailing Edge, Right Hand, station 77.875	1	1946, 1947, 1948
17	108-1111008-6		Former, Wing Trailing Edge	4	1946, 1947, 1948
18	108-1111011-400		Hanger Assembly, Wing Trailing Edge, Left Hand, station 46.00	1	1946, 1947
	108-1111011-401		Hanger Assembly, Wing Trailing Edge, Right Hand, station 46.00	1	1946, 1947
	108-1112149-1		Hanger Assembly, Wing Trailing Edge, Left Hand, station 46.00	1	1948
	108-1112149-0		Hanger Assembly, Wing Trailing Edge, Right Hand, station 46.00	1	1948
19	108-1111107		Former, Wing Trailing Edge, station 33.50	2	1946, 1947, 1948
20	108-1111029-6		Former, Wing Trailing Edge	4	1946, 1947, 1948
21	108-1111012-0 .D		Hanger Assembly, Wing Trailing Edge, Left Hand, station 1.625	1	1946, 1947, 1948
	108-1111012-1		Hanger Assembly, Wing Trailing Edge, Right Hand, station 1.625	1	1946, 1947, 1948
	108-1111012-2 .E		Hanger Assembly, Wing Trailing Edge, Left Hand, station 1.625	1	1946, 1947, 1948
22	108-1111020-6		Former, Wing Leading Edge, station 12.88 through 35.50 and 104.31	6	1946, 1947, 1948
23	108-1111110		Former, Wing Leading Edge, station 46.00	1	1946, 1947, 1948
24	108-1111016		Former, Wing Leading Edge, station 43.875 through 94.00 and 143.81	4	1946, 1947, 1948
25	108-1111072		Former Assembly, Wing Leading Edge	1	1946, 1947, 1948
26	108-1111017		Former, Wing Leading Edge, station 104.31 through 130.56	4	1946, 1947, 1948
27	108-1111073		Former Assembly, Wing Leading Edge	1	1946, 1947, 1948
28	108-1111015		Former, Wing Leading Edge, station 156.00	2	1946, 1947, 1948
29	108-1111002-2		Wing Spar Assembly, Left Hand Front	1	1946, 1947
	108-1111002-3		Wing Spar Assembly, Right Hand Front	1	1946, 1947
	108-1112146		Wing Spar Assembly, Left Hand Front	1	1948
	108-1112146-1		Wing Spar Assembly, Right Hand Front	1	1948
30	108-1111060-2 .F		Wing Spar Assembly, Left Hand Rear	1	1946, 1947
	108-1111060-4 .G		Wing Spar Assembly, Left Hand Rear	1	1947
	108-1111060-5 .G		Wing Spar Assembly, Right Hand Rear	1	1947
	108-1112147-0		Wing Spar Assembly, Left Hand Rear	1	1948
	108-1112147-1		Wing Spar Assembly, Right Hand Rear	1	1948
31	108-1111109-6		Tube, Wing Brace	6	1946, 1947
	108-1111109-8		Tube, Wing Brace	6	1948
32	108-1111025		Tube Assembly, Wing, Compression	2	1946, 1947
	108-1111025-1		Tube Assembly, Wing, Compression	2	1948
33	108-1111049-6		Block, Wing Drag Wire Spar, Left Hand, station 87.188	2	1946, 1947, 1948
	108-1111049-7		Block, Wing Drag Wire Spar, Right Hand, station 87.188	2	1946, 1947, 1948
34	108-1111083		Support, Landing Light	1	1946, 1947, 1948
35	108-1111106		Wing Brace, stations 0.00 and 46.00 Rib	8	1946, 1947, 1948
36	108-1111034-1		Hanger Assembly, Flap and Aileron Hinge (includes #38)	10	1946, 1947, 1948
37	108-1111054-6		Drag Wire, Wing, 41-1/2 inches long	10	1946, 1947, 1948
38	CS3906		Bearing (CS2170)	10	1946, 1947, 1948
39	108-1111124		Wing Rib, station 155.875	2	1946, 1947, 1948
40	108-1111054-7		Drag Wire, Wing, 51 inches long	8	1946, 1947, 1948
41	108-1111104-6		Bulkhead, Cabin Ventilator Air Intake, Left Hand Wing	1	1946, 1947, 1948
	108-1111104-7		Bulkhead, Cabin Ventilator Air Intake, Right Hand Wing	1	1946, 1947, 1948
42	108-1111054-8		Drag Wire, Wing, 41-1/2 inches long	2	1946, 1947
	108-1111054-10		Drag Wire, Wing, 41-3/4 inches long	2	1948
43	108-1111122		Wing Rib, Spar Tip	2	1946, 1947, 1948
44	108-1111041-8		Skin, Inboard Leading Edge, Left Hand	1	1946, 1947, 1948
	108-1111041-9		Skin, Inboard Leading Edge, Right Hand	1	1946, 1947, 1948
45	108-8001001		Washer, Felt	22	1946, 1947, 1948

*Code D: SN 1 thru 2509

*Code E: SN 2510 and up

*Code F: SN 1 thru 3109

*Code G: SN 3110 thru 3500

Wings (continued)

Ailerons for all 108 series



Left (uncovered).....108-1711000-0
 Right (uncovered).....108-1711000-1

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

Flaps

Left Flap.....108-12906
 Right Flap.....108-12906-1

Wing Assemblies (uncovered) 1946, 1947

Left.....108-1111000-1
 Right108-1111001-1

1948

Left.....108-1111000-2
 Right108-1111001-2

Note: Wings exclude Flaps, Ailerons, Pitot Tubes, Fuel Tanks and Landing Lights.
 (See pages 111 and 112 for Wing Parts.)

Strut Fillets



Rear Lift Strut—Upper Fillet

Left.....108-1001002-0
 Right.....108-1001002-1

Front Lift Strut—Upper Fillet

Left.....108-1001001-0
 Right.....108-1001001-1

Lift Strut—Lower Fillet

Left.....108-1001003-0
 Right.....108-1001003-1

Wings (continued)

Pitot Tube



Part Number108-1131002

Tail Section

<i>Description</i>	<i>Part No.</i>
Rudder Steering Arm	2583
Horizontal Stabilizer Center Hinge Fitting-1946, 1947	108-2111012
Horizontal Stabilizer Outboard Left Hand Skin-1948	108-2111020-6
Horizontal Stabilizer Inboard Right Hand Skin-1948	108-2111020-14
Elevator Trim Tab Assembly-1946, 1947	108-2201001-0
Elevator Horn.....	108-2201006

Rudders

For 108, 108-1, 108-2

Part Number.....108-2611000



For 108-3 (includes tab)

Part Number ...108-2602100

Note: The above rudders and following skin kits **DO NOT** have the original Stinson dimple corrugation; they use the Piper-Stinson designed "V" type corrugation.

Rudder Skin Kit for 108, 108-1, 108-2108-2611000-500
 Rudder Skin Kit for 108-3108-2602100-500

Horizontal Stabilizer Assembly,
 1946, 1947, 1948.....108-2111020

Tail Section (continued)

Elevators



Left (with trim tab).....108-2201007-0
 Right108-2201007-1

Note: The above elevators **DO NOT** have the original Stinson dimple corrugation; they use the Piper-Stinson designed "V" type corrugation.

<i>Description</i>	<i>Part No.</i>
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Elevator Tab Mechanism Cover Assembly	108-2201012
Elevator and Rudder Trim Casing Assembly	108-2241602
Elevator and Rudder Tab Mechanism Housing.....	108-2241603
Elevator Tab Control Shaft Assembly .	108-2241606
Elevator Trim Tab Control Shaft Assembly, Complete	108-2241608
Elevator Trim Tab Mechanism Rod Assembly	108-2241610
Vertical Stabilizer Lower Hinge Bracket.....	108-2311013
Vertical Stabilizer Fabric Strip.....	108-2311016
Vertical Stabilizer Fabric Trim Strip, SN 2125-3500.....	108-2311017
Vertical Stabilizer Leading Edge Fabric Band, 1948	108-2312018-6
Vertical Stabilizer Side Trim Band, Left Hand, 1948	108-2312019-7
Vertical Stabilizer Outboard Fabric Side Strip, Left Hand, 1948 ...	108-2312020-6
Vertical Stabilizer Inboard Fabric Side Strip, Left Hand, 1948 (2312020-8).....	108-2312020-6
Vertical Stabilizer Rear Spar, 1948 ..	108-2312050-16
Vertical Stabilizer Front Spar, 1948 ..	108-2312050-40
Vertical Stabilizer Dorsal Skin, Left Hand, 1948	108-2312050-52

Stinson Rudder Arm



Part Number.....2583

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Tail Section (continued)

<i>Description</i>	<i>Part No.</i>
Vertical Stabilizer Dorsal Skin, Right Hand, 1948	108-2312050-53
Top Rudder Skin, Left Hand, 1948	108-2602100-8
Top Rudder Skin, Right Hand, 1948	108-2602100-9
Rudder Spar, 1948 (2602100-18)	108-12905-4
Rudder Trim Tab, 1948 (2602100-64)	108-12905-12
Rudder Light Housing, Left Hand, 1948 (2602100-68)	108-12905-11
Rudder Light Housing, Right Hand, 1948 (2602100-69)	108-12905-11
Rudder Trim Tab Spring, 1948	108-2602101-6
Rudder Top Skin, Left Hand- 1946, 1947	108-2611000-8
Rudder Top Skin, Right Hand- 1946, 1947	108-2611000-9
Rudder Horn, w/bearing, 1948	108-2611008-2
Vertical Stabilizer Center Hinge Fitting-1946, 1947	108-2611012
Tail Light Bracket, 1948	108-2661001
Horizontal Stabilizer Fairing Plate Assembly, Left Hand-1946, 1947	108-3001445-0
Horizontal Stabilizer Fairing Plate Assembly, Right Hand-1946, 1947	108-3001445-1
Bearing (CS2170)	CS3906

Vertical Stabilizer for 108, 108-1, and 108-2



Part Number
.....108-2311000

Upper Vertical Stabilizer Skin Stamping for 108-3 (Original Style)



Left	108-2312050-20
Right	108-2312050-21

Rudder Bungee Kit

Bungee Kit is required when 165 hp. engine or larger engine is installed in 108 or 108-1 Stinson. Some welding required.
Complete Bungee Kit108-3042450

Fuselage Inspection Rings and Plates



Inspection Ring	PC 399	483-15
Inspection Plate	PC 399	483-10

Description Part No.

Fuselage Match Rib Assembly, Left Hand	108-3001201-0
Fuselage Match Rib Assembly, Right Hand	108-3001201-1
Former and Rib Assembly, Left Hand	108-3001201-400
Former and Rib Assembly, Right Hand	108-3001201-401
Cabin Door Frame, Right Hand- 1946, 1947	108-3001204-3
Cabin Door Upper Hinge	108-3001210
Cabin Door Assembly, Right Hand, 1947	108-3001211-5
Door Window Lock Knob, SN 1 to 1989	108-3001214
Windshield Center Post Assembly	108-3001218
Windshield Center Post Retainer	108-3001220
Windshield Upper Retainer	108-3001221
Windshield Side Retainer, Left Hand	108-3001222-6
Right Hand	108-3001222-7
Cabin Window Retainer, Left Hand -1946, 1947	108-3001223-6

Cabin Entry Steps

Left	108-3411047-0
Right	108-3411047-1

Fuselage to Landing Gear Fillets

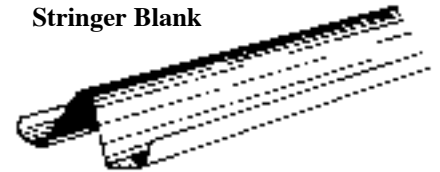


Left:	108-3001003-12
Right:	108-3001003-13

Fuselage (continued)

Cabin Window Retainer, Right Hand -1946, 1947	108-3001223-7
Cabin Window Vertical Retainer, Left Hand-1946, 1947	108-3001224-6
Cabin Window Vertical Retainer, Right Hand-1946, 1947	108-3001224-7
Fuselage Shroud Panel	108-3001302
Fuselage Tunnel Cover Assembly	108-3001304
Fuselage Cooling Tunnel Side Support, Left Hand	108-3001306-0
Fuselage Cooling Tunnel Side Support, Right Hand	108-3001306-1
Firewall Pan Assembly, stations 18.75 to 31.75	108-3001310-2
Fuselage Bow Assembly, station 202.10	108-3001422
Fuselage Bow Assembly, station 177.00	108-3001423
Fuselage Bow Assembly, station 152.00	108-3001424
Fuselage Bow Assembly, station 126.00	108-3001425
Fuselage Bow Assembly, station 100.00	108-3001426
Fuselage Bow Assembly, station 61.60	108-3001427
Fuselage Bow Assembly, station 164.00	108-3001428
Fuselage Bow Assembly, station 140.00	108-3001429-0
Fuselage Bow Assembly, station 115.50	108-3001430
Fuselage Bow Assembly, station 90.50	108-3001431
Stringer Blank (available in 8-foot lengths only)	108-3001432
Fuselage Bow Assembly, station 18.75	108-3001433
Landing Gear Opening Retainer, Left Hand	108-3001434-6
Landing Gear Opening Retainer, Right Hand	108-3001434-7
Fuselage Lower Longeron Retainer, Left Hand	108-3001435-6
Fuselage Lower Longeron Retainer, Right Hand	108-3001435-7
Fuselage Bow Assembly, station 74.25	108-3001436
Fuselage Former Assembly, station 30.50	108-3001437-0
Fuselage Bow Assembly, station 40.50	108-3001438
Fuselage Bow Assembly, station 31.75	108-3001442
Cabin Door Assembly, Left Hand, SN 1990-3500	108-3002211-0
Rear Cabin Window, SN 3500 and up	108-3002212
Cabin Window Latch, SN 1990-3500	108-3002253

Stringer Blank



(Available in 8-foot lengths only)

Part Number	108-3001432
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Fuselage (continued)

Cabin Window Spring, SN 1990-3500	108-3002254
Door Window Striker, SN 1990-3500	108-3002257
Baggage Door Hinge-1947, 1948	108-3002264
Baggage Door Hold-Back Spring 1947, 1948	108-3002268

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Fuselage (continued)

Stinson Rear "D" Window Frame (108-3)



LH shown108-3002240-2
RH108-3002240-3

Description	Part No.
Baggage Door Spring Spacer- 1947, 1948	108-3002270
Baggage Door Fabric Retainer- 1947, 1948	108-3002273
Baggage Compartment Upper Angle Support-1947, 1948	108-3002274
Baggage Compartment Lower Angle Support-1947, 1948	108-3002275
Cabin Window Latch Spring, 1948	108-3002278-6
Cabin Door Window Lock Knob, Aft, 1948	108-3002279-6
Cabin Door Window Lock Knob, Forward, 1948	108-3002279-8
Cabin Door Window Plate, 1948	108-3002280-6
Baggage Strap Buckle End, 1948	108-3002281-6
Baggage Strap Tip End, 1948	108-3002281-8
Fin Stencil, Left Hand	108-3091039-6
Fin Stencil, Right Hand	108-3091039-7
Fuselage Rear Compression Tube- 1946, 1947	108-3311003
Front Landing Gear Fitting, Left Hand	108-3311007-0
Front Landing Gear Fitting, Right Hand	1083311007-1
Rear Landing Gear Fitting, Left Hand	108-3311016-0
Rear Landing Gear Fitting, Right Hand	108-3311016-1
Fuselage Rear Compression Tube, 1948	108-3312003
Fuselage Structure Assy.-1946, 1947	108-3411000-3
Cabin Step Assembly, Left Hand	108-3411047-0
Cabin Step Assembly, Right Hand	108-3411047-1
Landing Gear Fairing, Left Hand	108-5101100-10
Landing Gear Fairing, Right Hand	108-5101100-15
Cabin Floor Support Angle	108-8191000

Landing Gear Fittings

Front Left	108-3311007-0
Front Right	108-3311007-1
Rear Left	108-3311016-0
Rear Right	108-3311016-1

Cockpit and Interior

Description	Part No.
Primer and Throttle Support Assembly, 1946	108-3021100
Primer and Throttle Support Assembly-1947, 1948	108-3022100
Instrument Panel Cover, 1947	108-3031009-1
Instrument Panel Cover, 1948	108-3031009-2
Trim Extrusion-1947, 1948	108-3031009-16
Glove Box Knob-1947, 1948	108-3031019
Control Panel Connector Plate- 1947, 1948	108-3032022-10
Oleo Housing Cap	108-3091005

Cockpit and Interior (continued)

Description	Part No.
Door Handle Escutcheon, 1946 (1083091006).....	108-8041000-1
Front Seat Rear Support Assembly- 1946, 1947 (3091007)	108-3092007
Fuselage Oleo Housing	108-3091011
Aft Cabin Floorboard, 1946	108-3091052-2
Cabin Vent Inner Tube, 1946	108-3091056
Ventilator Cap, 1946 (3091058)	108-3091095
Cabin Vent Valve Seat, 1946	108-3091059
Control Column Boot Clamp, 1946	108-3091078
Control Column Boot Assembly, 1946	108-3091079
Ventilator Cap, 1947	108-3091095
Cabin Ventilator Seat, 1947	108-3091096-0
Cabin Ventilator-Rear Seat, 1948	108-3091096-1
Cabin Vent Inner Tube, 1947	108-3091097-6
Cabin Vent Rear Inner Tube, 1948	108-3091097-8
Forward Floorboard, Left Hand, 1947 (108-3092052-0)	108-3092052-28
Forward Floorboard, Right Hand, 1947 (108-3092052-1)	108-3092052-29
Intermediate Cabin Floorboard, Right Hand, 1948	108-3092052-30
Door Frame Scuff Plate, Left Hand	108-3092112-6
Door Frame Scuff Plate, Right Hand	108-3092112-7
Door Frame Trim, Left Hand- 1947, 1948	108-3092113-6
Door Frame Trim, Right Hand- 1947, 1948	108-3092113-7
Cabin Assist Handle Plate - 1947, 1948	108-3092115
Control Column Cover-1947, 1948	108-3092118
Forward Panel Retainer Assembly, Left Hand, 1947	108-3092119-0
Forward Panel Retainer Assembly, Right Hand, 1947	108-3092119-1
Forward Panel Retainer Assembly, Left Hand, 1948	108-3092119-2
Forward Panel Retainer Assembly, Right Hand, 1948	108-3092119-3
Cabin Rear Vent Cap, 1948	108-3092141-6
Rear Cabin Air Vent Scoop, Left Hand, 1948	108-3092145-6
Right Hand, 1948	108-3092145-7
Cabin Assist Handle-1947, 1948	108-3412029

Cockpit and Interior (continued)

Description	Part No.
Throttle Control Forward Bracket	108-6221503
Throttle Control Aft Bracket, 1946	108-6221504
Mixture Control Bracket, SN 1-2249	108-6221506
Cabin Heat Control Support Bracket Assembly, SN 1-478	108-6221507
Throttle Control Aft Bracket, 1948	108-6222504
Mixture Control Bracket, SN 2250-up	108-6222506
Tab Control Placard, 1946 (8741000)	108-8742000
Operation Limits Placard, 1946	108-8741001-6
Baggage Placard, 1946	108-8741001-8
Operation Limits Placard, 1948	108-8742001-20
Baggage Placard, 1947 (8742001-18)	108-8742001-26
Baggage Placard, 1948	108-8742001-26
Tab Control Placard, with Bungee (108-2), SN 2250-3500 (108-8742200-6)	108-8742200
Rear Floorboard, Forward Section, 1948	108-8992007-30
Rear Seat Bracket Cover, 1947	108-8992025-6

Rear Seat Floor Grill, 1947 & 1948



Grill.....108-6222240

Throttles and Controls



Throttle-1946, 1947, 1948	108-6222501-0
Carburetor Mixture Control	108-6221502-1
Carburetor Heat Control, locking, black knob (5101306) PC 283A700BL0440	
Cabin Heat Control, 1946	108-6221502-2

Windows and Windshields for all 108 series Stinsons



For Tinted Windshields, see the
Windows and Windshields
section in this catalog.

Description	Part No.
Left Hand Windshield	108-3002208-6
Right Hand Windshield	108-3002208-7
Left Door Forward Window (SN 1-1989)	108-3001211-54
Right Door Forward Window (SN 1-1989)	108-3001211-55
Left Door Fwd. Window (SN 1990-3500)	108-3002211-26
Right Door Fwd. Window (SN 1990-3500)	108-3002211-27
Left Door Fwd. Window (SN 3500 and up)	108-3002211-90
Right Door Fwd. Window (SN 3500 and up)	108-3002211-91
Left Door Aft Window (SN 1-1989)	108-3001211-56
Right Door Aft Window (SN 1-1989)	108-3001211-57
Left Door Aft Window (SN 1990 and up)	108-3002211-28
Right Door Aft Window (SN 1990 and up)	108-3002211-29
Left or Right Rear Window (SN 1-3500)	108-3001212
Left or Right Rear Window (SN 3500 and up)	108-3002212

Cockpit and Interior (continued) 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.

Part Number108-8932007K

Same as above, except for smaller hole (3-1/8 inches) for the newer artificial horizon and directional gyro.108-8932007-1K

**Shown Below with the Following Instruments Installed,
Without the False Panel**

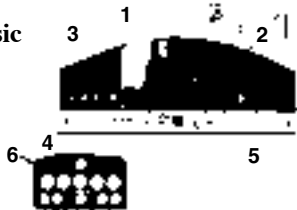


Top Row (left to right): VOR indicator, artificial horizon, directional gyro, ADF compass.

Middle Row (left to right, all 3-1/8-inch instruments): air speed indicator, turn and bank, sensitive altimeter, rate of climb, tachometer.

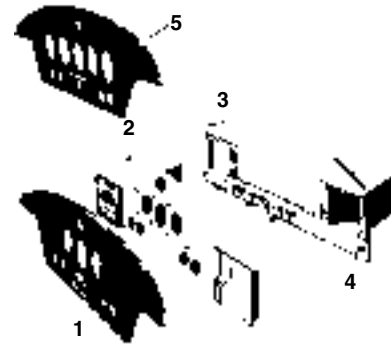
Bottom Row (left to right, all 2-1/4-inch instruments): oil pressure gauge, oil temperature gauge, suction gauge, clock, cylinder head temperature gauge, fuel quantity gauge, ammeter.

1946 Standard and Basic Blind Flight Instrument Panel



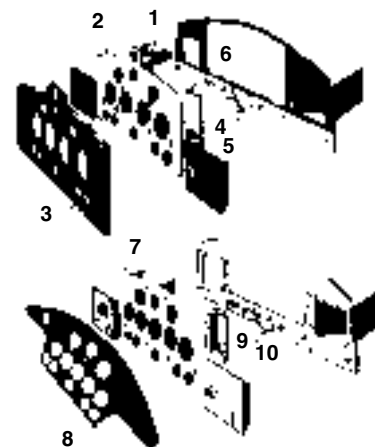
- | | |
|--|-------------|
| 1 Panel Assembly, Flight | 108-3031021 |
| 2 Panel Assembly, Indirect Instrument | 108-3031002 |
| 3 Panel Assembly, Main | 108-3031003 |
| 4 Panel Assembly, Control | 108-3031004 |
| 5 Door Assembly, Glove Box | 108-3031018 |
| 6 Panel Assembly, Indirect, Basic Blind Flight | 108-8931005 |

Cockpit and Interior (continued) 1947/1948 Standard and Basic Blind Flight Instrument Panel



- | | |
|---|----------------|
| 1 Panel Assembly, Indirect Instrument, 108-2 | *108-3032002-0 |
| Panel Assembly, Indirect Instrument, 108-3 | *108-3032002-1 |
| 2 Panel Assembly, Flight, 108-2/108-3 | 108-3032021-8 |
| 3 Panel Assembly, Main | 108-3032003 |
| 4 Panel Assembly, Right Half, 108-2/108-3 | 108-3032022-8 |
| 5 Panel Assembly, Indirect, Basic Blind Flight, 108-2 | *108-8932005-0 |
| Panel Assembly, Indirect, Basic Blind Flight, 108-3 | 108-8932005-1 |

1946/1947/1948 Advanced Blind Flight Instrument Panel



- | | |
|---|-----------------------|
| 1 Direction Indicator Cover, 1946 | 108-8931006 |
| 2 Direction Panel Assembly, 1946 | 108-8931003-2 |
| 3 Indirect Panel Assembly, 1946 | *108-8931003-4 |
| 4 Support Assembly, 1946 | 108-8931003-10 |
| 5 Shock Mounts, 1946 | PC 299 100PL-4 |
| 6 Bracket Assembly, 1946 (8931003-14) | 108-8932019-0 |
| 7 Direct Panel Assembly—1947, 1948 | 108-8932021-1 |
| 8 Indirect Panel Assembly, 1947, 1948 (No Longer Available) | 108-8932022 |
| 9 Instrument Panel Bracket Assembly—1947, 1948 | 108-8932019-0 |
| 10 Instrument Panel Bracket Assembly—1947, 1948 | 108-8932020 |

* These parts are original Stinson inventory, and sold in a "AS IS" condition

See Miscellaneous and Accessories section
for new and overhauled instruments.

STINSON

Cockpit and Interior (continued) Scuff Plate for Lower Door Frame Stainless Steel



Left108-3092112-6
Right108-3092112-7

Fuselage Oleo Strut Housing Cover for all 108 Stinsons



Part Number108-3091011

Control System 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.

Part Number108-3942001

Tachometer Shaft

For Recording Tachometers



Part Number (1536403) **PC 635** ... TACH-36

Control System (continued) Description Part No.

Rudder Bar Return Spring108-3041002
Control Wheel Casting, 1946108-3041121
Control Column Shaft Pulley,
Left Hand108-3041204-0
Control Column Shaft Pulley,
Right Hand108-3041204-2

Stinson Control Surface Bearing



Part Number(Replaces CS2170)CS3906
Felt Seal108-8001001

Description Part No.

Fairlead Pulley108-3041209
Elevator Bellcrank108-3041303
Elevator Push-Pull Tube Assembly108-3041304
Elevator Control Stop108-3041306
Rudder Pedal, Co-Pilot, 1946108-3041405
Rudder Bar Assembly, Left Hand, 1946108-3041406
Rudder Bar Assembly, Right Hand,
1946108-3041408
Rudder Pedal Torque Tube Bearing
Assembly108-3041411
Flap Handle Lever Adjustment
Rack Assembly108-3041501
Flap Control Handle Latch108-3041502
Flap Control Handle Release Assembly108-3041503
Flap Control Handle Tube Assembly108-3041506
Elevator Tab Front Control Pulley
-1946, 1947108-3041601
Elevator Control Arm Stop108-3041602-8
Elevator Control Shaft, SN 1-2249108-3041604
Elevator and Rudder Cable Control
Pulley Shaft108-3041606

Control System (continued) Description Part No.

Elevator Tab Control Front Support
Assembly, SN 1-2249108-3041608
Elevator Tab Control Front Pulley
Assembly, SN 1-2249108-3041609
Rudder Tab Control Pulley, 1948108-3041612
Elevator Tab Control Rear Bushing108-3041617
Control Wheel Shaft Assembly-
1947, 1948108-3042153
Rudder Pedal, Co-Pilot, 1947108-3042405
Rudder Pedal, Pilot, 1947 (3042407)108-8542013-6
Trim Control Pulley, SN 2250 & up108-3042424-6
Trim Control Pulley, SN 2250 & up108-3042424-8
Rudder Trim Tab Mechanism Cable,
1948108-3042426
Rudder Control Drive Shaft, 1948108-3042428
Rudder Tab Mechanism Rod
Assembly, 1948108-3042429
Rudder Trim Control Shaft Assembly,
1948108-3042430
Co-Pilot Rudder Pedal Return Spring,
1948108-3042431-6
Rudder Trim Cable Clamp,
SN 2250 and up108-3042451-6
Rudder and Elevator Tab Control
Spindle, SN 2250 and up108-3042452-6
Rudder Trim Frame Assembly,
SN 2250 and up108-3042453
Rudder Trim Control Knob,
SN 2250 and up108-3042456-8
Trim Control Shaft Sleeve,
SN 2250 and up108-3042457-6
Trim Control Shaft, SN 2250 and up108-3042458-6
Elevator Tab and Rudder Trim Control
Support Assembly, SN 2250 and up108-3042459-0
Elevator Tab and Rudder Trim Control
Pulley Assembly, SN 2250 and up108-3042460-2
Rudder Trim Control Arm Assembly,
Left Hand, 1947108-3042461-0
Rudder Trim Control Arm Assembly,
Right Hand, 1947108-3042461-1

System	Description	Part No. Qty	Part No. (Sn 1-2249)	Qty	Part No. (Sn 1-2249)
Aileron	Aileron Horn Cable	108-1141256	108-1-41256	2	
	Aileron Control Cable	108-1141256	108-1-41256	2	
	Aileron Index Cable (In Passage)	108-3041113	108-3041113	1	
	Control Column Cable Left Hand	108-3041120-0	108-3041120-00	1	
	Control Column Cable Right Hand	108-3041120-7	108-3041120-70	1	
	Control Column Cable	108-3041120-7	108-3041120-70	1	
Elevator	UP Elevator Cable	108-3041856-12	108-3041856-120	1	
	Down Elevator Cable	108-3041856-11	108-3041856-110	1	
Elevator Trim	Elevator Tab - Cable to Control Cable	108-3041916-0	108-3041916-00	1	
	Elevator Tab - Cable to Control Cable SN 2250 & up	108-3041916-1	108-3041916-10	1	
Flap	Flap Control Cable	108-1141204	108-1-41204	2	
	Upper Flap Control Cable (In Passage)	108-3041011	108-3041011	1	
Rudder	Rudder Cable, 1946, 1947	108-3041003-0	108-3041003-00	2	
	Rudder Cable, 1948	108-3041003-2	108-3041003-20	2	
Rudder Trim	Rudder Trim Cable	108-3042020		2	
	Rudder Trim Cable SN 2250 thru 2400 *	108-3042022		1	
	Rudder Trim Cable SN 2250 thru 2400 *	108-3042022		1	
	Rudder Trim Tab Control Cable - 1948-3 SN 2250 & up	108-3042025		1	

All items on this page are Price Code 180 unless otherwise noted

Price and availability subject to change without notice. Univair's Toll Free Sales: 1-888-433-5433

STINSON

Control System (continued)

<i>Description</i>	<i>Part No.</i>
Elevator Tab Control Crank Arm Assembly, SN 1-2249.....	108-3042610
Elevator Tab Control Crank Arm Assembly, SN 2250 and up	108-3042618-2
Rudder Trim Cable Clamp Fitting, SN 2250 and up.....	108-3042619-6
Dual Brake Link Assembly, 1948 (3942410).....	108-3942410-2
Torque Shaft Bushing, 1948	108-3942413-6
Tab Control Escutcheon, 1947	108-8041000-1
Rudder Pedal, Co-Pilot, 1948	108-8542013-6
Control Shaft Support Bushing 1946, 1947.....	108-8611000
Tab Control Placard, 1946 (8741000) ..	108-8742000
Tab Control Placard, with Bungee (108-2, SN 2250-3500) (8742200-6)	108-8742200

Electrical

Bendix Ignition Switch



Switch	PC 245 10-357200-1
Placard for switch	PC 245 10-126676

Battery Relay for all 108 series Stinsons



Part Number.....	70-111226-5
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<i>Description</i>	<i>Part No.</i>
Radio Support Assembly, 1946	108-3031501
Speaker Baffle Board, 1947, 1948	108-3031503
Loudspeaker Grill, 1946	108-3031504
Radio Support Assembly, 1947, 1948.....	108-83032501
Antenna Assembly, 1947	108-3032507
Battery Box Top, 1946, 1947.....	108-3061001
Battery Box Assembly, 1946, 1947	108-3061002
Battery Box Tie Down Rod, 1946, 1947	108-3061004
Battery Ground Cable Assembly, SN 1-3500	108-3061008-10
Battery Ground Cable Assembly, SN 3500 and up.....	108-3062012
Battery Cable Assembly, SN 1-3500 (3061008-14)	108-3062014

All parts listed are for the 1946, 1947 and 1948 models of the 108 series Stinson, unless otherwise specified.

Fuel System

Fuel Gauge and Sender



Direct replacement for original AC Gauge and Sender

Gauge.....	3090-033
Sender	7740-313

Description Part No.

20-gallon Fuel Tank, Left Hand, 150 hp. 1946, 1947 (reconditioned)	108-1121101-0
20-gallon Fuel Tank, Right Hand, 150 hp. 1946, 1947 (reconditioned)	108-1121101-1
Fuel Tank Cap-1946, 1947	108-1121111
Gas Cap Gasket	108-1121112
Fuel Tank Strainer, 150 hp.1946, '47.....	108-1121118
Fuel Strap Assembly.....	108-1121119
20-gallon Fuel Tank, Left Hand, 165 hp., 1947	108-1122101-0
20-gallon Fuel Tank, Right Hand, 165 hp., 1947	108-1122101-1
Fuel Tank Strainer Assembly, 165 hp.	108-1122118
Fuel Tank Cap, 108-3	108-1122131
Fuel Valve Shaft, 1946.....	108-3021103-0
Fuel Valve Shaft, SN 743-1440.....	108-3021103-1
Left Hand Tank to Valve Line, 3/8-inch, SN 1-2249	108-6221100-8
Right Hand Tank to Valve Line, 3/8-inch, SN 1-2249	108-6221100-10
Primer to Tee Tube Assembly, 1946 ..	108-6221100-14
Tee to Spray Fitting Tube Assembly 1946, 1947	108-6221100-16
Valve to Strainer Tube Assembly, 3/8-inch, SN 1-2249	108-6221100-52
Fuel Hose Assembly, SN 1-2249	108-6221101
Left Hand Tank to Valve Tube Assembly, SN 2250 and up	108-6222100-8
Right Hand Tank to Valve Tube Assembly, SN 2250 and up	108-6222100-10
Tee to Spray Fitting Tube Assembly, SN 2250 and up	108-6222100-28
Strainer to Valve Tube Assembly, SN 2250 and up	108-6222100-52
Strainer to Carburetor Hose Assembly, SN 2250 and up	108-6222101-1A
Fuel Valve Shaft Assembly, SN 2250 and up	108-6222106

Fuel System (continued)

Fuel Hoses-Strainer to Carburetor

150 hp. Stinson	108-6221101
165 hp. Stinson	108-6222101-1A

20-gallon Fuel Tanks for 150 hp. 108, 108-1, 108-2 Stinsons

Left Fuel Tank (reconditioned)	108-1121101-0
Right Fuel Tank (reconditioned)	108-1121101-1

WHILE SUPPLY LASTS!

Stinson Fuel Valve Kits Replaces Original Style Valves



For 150hp aircraft with 3/8" fuel lines replaces 44725

For 165hp aircraft with 1/2" fuel lines replaces 44745

*Not approved for higher hp engines.

Chassis and Landing Gear

Description Part No.

Landing Gear Brake Shield, SN 1-111, except 82	108-5101007
Landing Gear Brake Shield, SN 82 and 112 and up	108-5101008
Parking Brake Bridle, SN 1-3939	108-5101310-6
Parking Brake Bridle, SN 3940 & up	108-5101310-8
Shock Strut Spring	108-5181001
Shock Strut Plunger Assembly, 1946, 1947 (5181006)	108-5182006
Shock Strut Packing Retainer	108-5181007
Shock Strut Pin	108-5181008
Shock Strut Plunger Assembly, 1947, 1948	108-5182006
Shock Strut O-Ring, 1 per strut... PC 580 ..	MS28775-325
Shock Strut O-Ring, 1 per strut... PC 580 ..	MS28775-331

Cleveland Wheels and Brakes

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



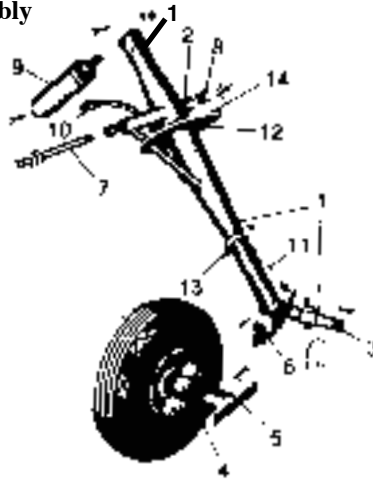
Part Number.....	PC 660 199-08700*
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*Will not fit late model 108-3 with Cleveland drum and shoe brakes.

Chassis and Landing Gear (continued)

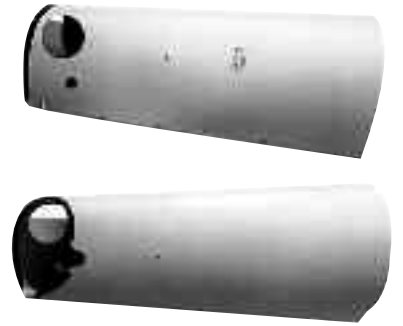
Landing Gear Assembly

- 1 Beam Assembly, Landing Gear, Left Hand (includes axle), SN 1-4124108-5111000-0
- Beam Assembly, Landing Gear, Right Hand (includes axle), SN 1-4124108-5111000-1
- 2 Clamp Assembly, Landing Gear Strut, Upper108-5101103
- 3 Axle Assembly, SN 1-4124.....108-5111004
- 4 Axle Nut, Goodyear108-5111006
- Axle Nut, Cleveland (5111006-6)108-5112006-6
- 5 Bracket, Wheel Pant, Outer108-5101104
- 6 Bracket Assembly, Left Hand, Wheel Pant, Inner108-5101105-0
- Bracket Assembly, Right Hand, Wheel Pant, Inner108-5101105-1
- 7 Pin, Landing Gear Hinge108-5111005
- 8 Bushing, Landing Gear Hinge Pin.....108-5111003
- 9 Strut Assembly, Landing Gear Shock ..108-5181000
- 10 Hose Assembly, Flexible Brake, Goodyear (5101304)108-5101304-1
- 11 Brake Line, Goodyear108-5101000-18
- Brake Line, Cleveland108-5102017
- 12 Bulkhead, Left Hand, Inboard Landing Gear Strut Fairing108-5101102-8
- Bulkhead, Right Hand, Inboard Landing Gear Strut Fairing108-5101102-9
- 13 Clamp, Landing Gear Strut Fairing, Lower108-5101107
- 14 Bulkhead, Left Hand, Outboard Landing Gear Strut Fairing108-5101102-6
- Bulkhead, Right Hand, Outboard Landing Gear Strut Fairing108-5101102-7



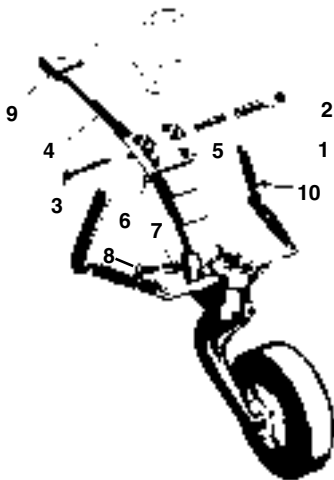
Chassis and Landing Gear (cont.)

Landing Gear Fairing



- Left Fairing108-5101100-10
 Right Fairing108-5101100-15

Tailwheel and Spring Assembly



- 1 Bushing108-5311000-10
- 2 Bushing SN 108-1-2838.....108-5311000-12
- 3 Bolt **PC 580** ... AN5-25
- 4 Spring Assembly, Tailwheel.....108-5311002-2
- 5 Fitting Assembly, Tailwheel Spring .108-5311003-2
- 6 "U" Bolt, Tailwheel Spring108-5311005
- 7 Bushing108-5311004
- 8 Bolt **PC 580** ... AN8-14
- 9 Cushion, Tailwheel Spring108-5311000-6
- 10 Steering Fork2583

Tires & Tubes

Specialty Tires:

See Tires Wheels & Brakes

section in this catalog!



3200 TAILWHEEL ASSEMBLY



- Pneumatic Assembly3200

Price Code 690

Engine and Cowling

<i>Description</i>	<i>Part No.</i>
Cowling Latch Lever Assembly...	108-6021401-22
Top Cowl Assembly	108-6021401-26
Nose Cowl Stiffener	108-6021401-44
Nose Cowl, less grills.....	108-6021401-52
Bottom Cowl, all models	108-6021401-70
Air Intake Scoop Moulding	108-6021407
Air Intake Scoop Vane, SN 1-470	108-6021410
Air Intake Scoop Vane, SN 471 and up	108-6021411
Cowl Support Tube Clip, 1947, 1948	108-6022423
Cowl Support Tube	108-6022424
Generator Blast Tube.....	108-6201000-28
Oil Drain Tube, 1947, 1948	108-6201011-6
Oil Drain Valve Block, 1947, 1948 ...	108-6201013

All items on this page are Price Code 180 unless otherwise noted

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Engine and Cowling (continued)

<i>Description</i>	<i>Part No.</i>
Magneto Cooling Tube, Right Hand	108-6221213-17
Front Baffle Assembly, Right Hand, SN 1-3109	108-6221216
Front Center Baffle Assembly, 1946, 1947	108-6221217
Tailpipe Support Angle, Left Hand, SN 112 and up	108-6221709-6
Tailpipe Support Strap, SN 112 and up	108-6221710
Carburetor Air Intake Duct Assembly, SN 1-470	108-6221802
Oil Cooler Air Duct Assembly, 1946	108-6221803
Carburetor Air Intake Scoop	108-6221804
Air Filter Duct Assembly, 1946	108-6221806
Carburetor Air Box Assembly, SN 1-2249	108-6221807
Flex Hose Attaching Collar, 1946	108-6221812-6
Air Filter Support Assembly	108-6221813
Cabin Heat Deflector Spring, 1946	108-6221814
Air Induction Cuff Clamp Assembly, SN 1-2249	108-6221815
Cabin Heat Deflector, 1946	108-6221816
Carburetor Air Box Gasket, SN 1-2249	108-6221817
Carburetor Air Intake Duct Assembly, SN 471 and up	108-6221818
Front Cooling Baffle, SN 3110 and up	108-622219-0
Grill Retaining Plate, 1947, 1948	108-6222236
Grill Spacer Plate, 1947, 1948	108-6222237

Shroud Attach Channel



Part Number108-6221704

Carburetor Heat Shroud for 108 thru 108-3 series Stinsons



Part Number108-6221210-2

Engine and Cowling (continued)

Cabin Heat Shroud for 108-1, 108-2 and 108-3 Stinsons (fits serial numbers 744 and up)



Part Number108-6222209

Engine Mount



For all Franklin 150 hp, 165 hp.
& 180 hp.....108-6212000-1

<i>Description</i>	<i>Part No.</i>
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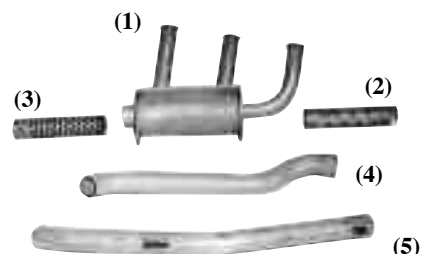
Cabin Heat Aft Duct Assembly- 1947, 1948	108-6222241
Grill Attach Plate, 1947, 1948	108-6222244
Cabin Heat Forward Coupling Assembly, 1947	108-6222247
Cabin Heat Forward Duct Assembly, SN 3868 and up	108-6222249
Cabin Heat Forward Inlet Cover, SN 3868 and up	108-6222250-0
Cabin Heat Scoop, 1947, 1948	108-6222251
Cabin Air Intake Coupling Assembly 1947, 1948	108-6222252
Cabin Heat Valve Support Bracket 1947, 1948	108-6222254
Oil Pressure Hose, SN 1472 and up ...	108-6222601
Tailpipe Exhaust Clamp, SN 3110 and up	108-6222715
Oil Cooler Air Duct Assembly	108-6222803
Air Filter Duct Assembly, 1947, 1948	108-6222806

Engine and Cowling (continued)

<i>Description</i>	<i>Part No.</i>
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Carburetor Air Box Assembly, SN 2250 and up	108-6222807
Air Induction Cuff Clamp, SN 2250 and up	108-6222815
Carburetor Air Box Gasket, SN 2250 and up	108-6222817
Wood Propeller Spinner Dome	108-6921000-6
Spinner Front Plate	108-6921000-20
Spinner Rear Plate	108-6921000-22
Metal Propeller Spinner Dome	108-6921000-30
Propeller Spacer Bushing	108-6922006-8
Propeller Spacer Plate	108-6922006-10
Baffle, Under Cylinder, Left Hand, for Aeromatic Propeller	108-6922010-6
Baffle, Under Cylinder, Right Hand, for Aeromatic Propeller	108-6922010-7

Exhaust Systems



(1) Muffler

SN 1-3109	108-6221702
SN 3110 and up	108-6222702

(2) Perforated Tube

SN 1-3109	108-6221708
-----------------	-------------

(3) Perforated Tube

SN 3110 and up	108-6222708
----------------------	-------------

(4) Tailpipe, Left Hand

SN 112-3109, (bolt on)	108-6221711-0
SN 3110 and up, (clamp on)	108-6222711-0

(5) Tailpipe, Right Hand

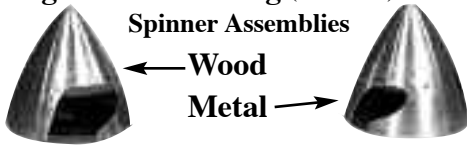
SN 112-3109, (bolt on)	108-6221711-1
SN 3110 and up, (clamp on)	108-6222711-1

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.

STINSON

Engine and Cowling (continued)

Spinner Assemblies



Complete Spinner Assemblies for Stinsons with wood or metal propellers

- *Wood Propeller Spinner Assembly108-6921000-1
- Metal Propeller Spinner Assembly108-6921000-2
- Wood Propeller Moisture Plate**PC 205** U17577
- Propeller Bolts**PC 205** U17662

*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.

Aeromatic Baffle

To be used with modified front baffle and existing side baffles when the Aeromatic propeller is installed. Specify serial number and horsepower when ordering.
Part Number4086

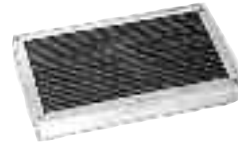
Engine and Cowling (continued)

Air Induction Cuffs:



- For 108, 108-1, 108-2 150 hp., SN 1-2249108-6221801
- For 108-2, 108-3 165 hp., SN 2250 and up108-6222801

Carburetor Air Filter



- For Franklin 150-165 hp. Part Number108-6221805
- Filter excludes the 6221805-8 Bottom Close out strip.

Stinson Cowl Stencils



- For 108, SN 119-742
- "Voyager 150", LH side108-3091048-6
- "Voyager 150", RH side108-3091048-7

Engine and Cowling (continued)

Stinson Cowl Stencils



- For 108-1, SN 743-2249
- "Voyager 150", LH side108-3092048-6
- "Voyager 150", RH side108-3092048-7

STINSON VOYAGER

- For 108-2 and 108-3, SN 2250 and up
- "Stinson Voyager" stencil108-3092126

STINSON Flying Station Wagon

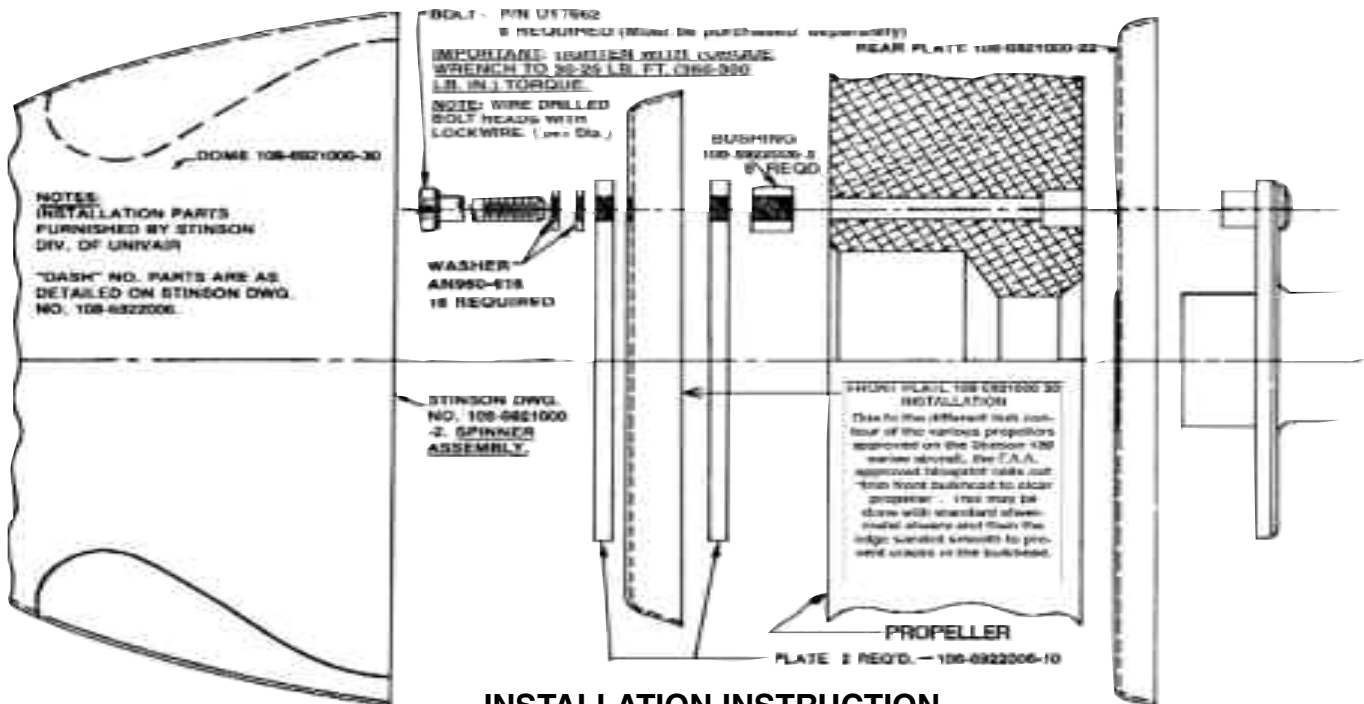
- For 108-2 and 108-3, SN 2250 and up
- "Stinson Flying Station Wagon" ...108-8992034

"Bow and Arrow" Fin Stencils



- Left Stencil108-3091039-6
- Right Stencil108-3091039-7

UNIVAIR AIRCRAFT CORPORATION



INSTALLATION INSTRUCTION

Mc Cauley 1A170 MET-L-PROP or Sensenich 74DR-0-XX on STINSON 108, 108-1, -2, -3

All items on this page are Price Code 180 unless otherwise noted

Price and availability subject to change without notice. Univair's Toll Free Sales: 1-888-433-5433

Engine and Cowling (continued)

SERVICE LETTER

February 26, 1957

STINSON SERVICE INFORMATION LETTER NO.74

Installation of Franklin 6A4-165-B3 165 HP Engine and Rudder Bungee or Trim Tab on Stinson 108 or 108-1 Airplanes

The following information is applicable to such a change:

1. Although the Stinson 108-2 and 108-3 series aircraft use a revised engine mount, the Model 108 and 108-1 airplane fuselage and engine mount will be structurally satisfactory if retained without change for the subject engine installation.
2. As indicated by the fuel-flow test report for the Model 108 and 108-1 airplane, the fuel system will not meet fuel-flow requirements. The Model 108-2 and 108-3 aircraft use a revised fuel system which includes 1/2-inch fuel lines and fittings. On this basis we could not approve the subject engine installation without modification and fuel-flow tests to establish and substantiate satisfactory fuel flow. The fuel-flow test may be waived if the Model 108-2 fuel system is installed in accordance with Stinson data and drawings.
3. If the 165 HP engine is installed in the Model 108-1, the original center-of-gravity range, gross weight, and airspeed limits should be retained.
4. Increasing the power from 150 to 165 HP in the Model 108 or 108-1 will necessitate the installation of a bungee in the rudder-control system to meet directional-stability requirements. Flight tests of the Model 108-2 with 165 HP engine showed that a bungee was necessary and one was installed in accordance with Consolidated-Vultee Drawing 108-3042450.
5. If the rudder trim tab is desired on a Model 108 or 108-1 instead of a bungee, substantiation of the structure both for static strength and flutter would be required. The Model 108-3 has a rudder trim tab but the tail surfaces have been revised over the earlier models, including a larger fin and larger rudder.
6. Flight tests required will depend upon the power plant installation changes accomplished. If no changes are made to the engine cowl or baffle as installed on the Model 108-2 for 165 HP, cooling tests may be waived. Those tests necessary to determine a satisfactory propeller installation may also be waived providing one of the propellers listed on Stinson 108-Series Aircraft Specification A-767, as eligible for installation on the Model 108-2, is used on the Modified airplane.

Robert M. Williams
STINSON SERVICE DEPARTMENT

STINSON

Engine and Cowling (continued)

UNIVERSAL AIRCRAFT INDUSTRIES
P.O. Box 5306, Denver, Colorado 80217

November 12, 1963

STINSON SERVICE INFORMATION LETTER NO. 74A

Installation of Franklin 6A4-165-B3 165 HP Engine and Rudder Bungee on Stinson 108 and 108-1 airplanes

The following information is applicable to such a change:

1. The original aircraft fuselage and engine mount for Models 108, 108-1, 108-2 and 108-3 are structurally satisfactory for this installation.
2. Models 108 and 108-1 will require installation of revised fuel system as shown in Stinson Drawing 108-62221000 "G". This includes increasing fuel line and fittings to 1/2 inch.
3. The original center of gravity range, gross weight and airspeed limits are retained.
4. Model 108 and 108-1 will require installation of rudder bungee in accordance with Drawing 108-3042450.
5. Cowling and baffles as shown in Drawing 108-6021401 "L" and 108-6221201 "H" are required for the 165 HP engine.
6. Propellers as listed in Specifications A-767 as eligible for the Model 108-2 are satisfactory for use on the modified aircraft.
7. Installation of this engine may be made on the basis of this letter by the local A & P mechanic with the usual FAA 337 form. The Flight Manual Revision, supplied with kit, should be placed in the aircraft.
8. Re-mark tachometer to red line at 2800 RPM, cylinder heat to 530°F for spark plug type thermocouple, 445°F for bayonet type thermocouple.
9. This installation is eligible on the land plane, sea plane, and ski plane version.

Robert M. Williams
STINSON SERVICE DEPARTMENT

FAA APPROVED *[Signature]*
DATE *Nov 18, 1963*

All items on this page are Price Code 180 unless otherwise noted

Price and availability subject to change without notice. Univair's Toll Free Sales: 1-888-433-5433

SERVICE LETTERUNIVAIR AIRCRAFT CORPORATION
STINSON DIVISION

SERVICE INFORMATION LETTER NO. 81, Revision A

March 13, 2009

Subject: Batteries eligible for installation in Stinson 108, 108-1, 108-2 and 108-3

Technical aspects of this Service Letter are DER approved.

The Stinson 108, 108-1, 108-2 and early 108-3 aircraft were originally certified with the following batteries:

Willard AW-12-25 and box	23 lb. (+13.5)
or	
Exide 6-TS-9F and box	29 lb. (+13.5)

Later models of the Stinson 108-3 were certified with the following firewall mounted battery:

Willard AW-12-25 (Safety Fill Manifold Vent)	23 lb. (-25)
--	--------------

None of the batteries listed above are currently manufactured. Until now, the only way to install a currently manufactured aircraft battery in a Stinson 108 series aircraft has been through the field approval process. This Service Information Letter lists additional approved batteries for installation on these aircraft:

The Willard AW-12-25 or Exide 6-TS-9F may be replaced with any one of the following batteries without modification to the battery box or electrical connections: Concorde CB-35, CB-35A, CB-35AXC, RG-35, RG-35A, or RG-35AXC.

The Concorde CB-35A replaces the CB-35. Similarly, the Concorde RG-35A replaces the RG-35. The CB-35, CB-35A, and CB-35AXC may be used interchangeably and the RG-35, RG-35A, and RG-35AXC may be used interchangeably. From this point on in this document, only CB-35A and RG-35A will be used, but CB-35, CB-35AXC and RG-35, RG-35AXC are also implied.

Note that the Concorde batteries use hex head screws and conical washers in place of the battery posts with wing nuts as used on the Willard AW-12-25 or Exide 6-TS-9F batteries.

The firewall mounted Willard AW-12-25 Safety Fill Manifold Vent battery was equipped with a vent fitting for the overflow tube (PIN 108-3062000-16). The Concorde batteries do not have provisions for connection to overflow tubes. However, a recombinant gas valve regulated sealed lead acid battery does not need an overflow tube. Therefore,

SERVICE LETTER

the Willard AW-12-25 Safety Fill Manifold Vent battery may be replaced by a Concorde RG-35A. When installing a Concorde RG-35A battery in place of the Willard AW-12-25 Safety Fill Manifold Vent battery, the vent tube may be removed or tied off to the side of the battery. If the vent tube is removed, block the hole in the firewall where the vent tube passes through with a patch made from fireproof material.

The Concorde CB-35A is a dry charged lead acid battery of similar construction and maintenance requirements as the Willard AW-12-25 and Exide 6-TS-9F batteries. The Concorde RG-35A is a recombinant gas, valve regulated, sealed lead acid battery. It is permanently sealed at the factory. No additional electrolyte or water is required for maintenance of the RG-35A.

Installation of replacement batteries:

Removal and installation of the Willard AW-12-25, Exide 6-TS-9F, and Willard AW-12-25 Safety Fill Manifold Vent batteries are the same as that detailed in the Stinson Model 108 Series General Service Manual.

Replacement of the existing Willard or Exide battery with a Concorde CB-35A or RG-35A can be accomplished as follows:

1. Review maintenance procedures regarding removal and installation of battery in Stinson Model 108 Series General Service Manual. Review Instructions for Continued Airworthiness for Concorde battery (Concorde drawing 5-0144 for CB-35A battery or Concorde drawing 5-0142 for RG-35A battery).
2. Gain access to and remove existing battery in accordance with instructions in Stinson Model 108 Series General Service Manual.
3. Clean battery box or cradle in accordance with instructions in Stinson Model 108 Series General Service Manual.
4. Activate Concorde CB-35A battery as outlined in Concorde Instructions for Continued Airworthiness, drawing 5-0144. Concorde RG-35A batteries are serviced and charged at the factory prior to shipment and ready for installation. If the RG-35A battery has been stored for a long period of time before installation, it may need to be conditioned and tested in accordance with instructions in Concorde drawing 5-0142 before installation.
5. Install Concorde battery in battery box or cradle with battery terminals in same orientation as original battery.
6. The Concorde batteries do not employ battery posts as the original batteries. The Concorde batteries use hex head screws and conical washers. Connect battery cables using the hex head screws and conical washers. Torque terminal bolts as noted on battery label. Always disconnect the ground terminal first and install the ground terminal last.
7. Install battery box top or hold down hardware as required.

Engine and Cowling (continued)

SERVICE LETTER

8. Voltage regulator adjustments remain unchanged with installation of a Concorde battery
9. Revise weight and balance. The Concorde CB-35 or CB-35A weighs 28.5 pounds. The CB-35AXC weighs 31 pounds. The Concorde RG-35 or RG-35A weighs 29.5 pounds. The RG-35AXC weighs 32 pounds

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

Instructions for continued airworthiness of the electrical system are detailed in the Stinson Model 108 Series General Service Manual. Instructions for continued airworthiness of the Concorde CB-35A battery are contained in Concorde drawing 5-0144. Instructions for continued airworthiness of the Concorde RG-35A battery are contained in Concorde drawing 5-0142. Concorde also has available a Concorde Aircraft Battery Owner/Operator Manual. It is recommended that this Service Letter and appropriate Concorde drawing be placed with the Stinson Model 108 Series General Service Manual for future reference when a Concorde battery is installed in the aircraft.

INFORMATION AND PARTS AVAILABILITY:

Copies of Stinson Model 108 Series General Service Manual are available from Univair Aircraft Corporation.

Copies of Stinson Service Bulletins and Letters for Stinson 108 Series are available from Univair Aircraft Corporation.

Contact Univair Aircraft Corporation for availability and pricing of parts for complying with Service Bulletins and Letters.

Concorde CB-35A and RG-35A batteries are available from Univair Aircraft Corporation or other authorized distributors for Concorde batteries.

Concorde drawing 5-0142, drawing 5-0144, and Concorde Aircraft Battery Owner/Operator Manual are available from Concorde Battery Corporation at www.concordebattery.com (Adobe Acrobat Reader is required to view the documents)

Univair Aircraft Corporation
2500 Himalaya Road
Aurora, CO 80011 8158
Toll Free Order Only Phone: 888-433-5433
Phone: 303-375-8882
FAX: 303-375-8888 or 800-457-7811
E-mail: info@univair.com
Web Site: www.univair.com

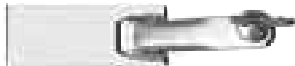
STINSON

Engine and Cowling (continued)

Description *Part No.*

Franklin Oil Cooler Thermostat...**PC 205**...19481
 Carburetor Air Boxes for:
 150 hp. Franklin, SN 1-2249108-6221807
 165 hp. Franklin, SN 2250 & up ..108-6222807
 150 hp. Franklin Baffle Set150BS
 108-1 150 hp. Franklin Baffle Set.....150BS-1
 165 hp. Franklin Baffle Set165BS

Engine Cowl Lever Assembly



Cowl Fastener Assembly.....108-6021401-22
 Cowl Fastener Pin.....99836
 Cowl Fastener Receptacle99947P130
 Receptacle Cup108-6021401-36

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 Fax: (800)-457-7811 or (303) 8888
 e-mail: info@univair.com
 website: www.univair.com**

Miscellaneous

Float Fitting Kit

Complete with blueprint installation instructions



(Welding is required.)

Part Number108-3901001

Engine and Cowling (continued)

Top Cowl Assembly



Applicable to all 108 series Stinsons

Includes right and left top cowl,
 and center hinge assembly108-6021401-26
 Left Side only108-6021401-26L
 Right Side only108-6021401-26R

Bottom Cowl Assembly*



Part Number.....108-6021401-70
 *Does not include filter plate

Miscellaneous (continued)

Description *Part No.*

Seaplane Fin Assembly Kit.....108-3901002-A
 Jacking Tool108-5901000

Stinson Jettison Door Kit Factory Manufactured and Approved

Required for Aircraft certified in the utility
 category. Includes all parts and installation
 instructions.

For SN 1-3929108-3992046
 For SN 3930 and up.....108-3992046-1

Rudder Pulley Modification Kit

Complies with S.B. 266 (Piper Bulletin 114)

Part Number750-189

Engine and Cowling (continued)

Aluminum Nose Cowl



Applicable to 108 thru 108-3 series Stinsons

Part Number.....108-6021401-52

Miscellaneous (continued)

Thermometer



Part Number.....-2716A

PC 690

Magneto Noise Filter



Part Number.....A293

PC 245

Rudder Bungee Kit



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

Complete Kit.....108-3042450

All items on this page are Price Code 180 unless otherwise noted

Price and availability subject to change without notice. Univair's Toll Free Sales: 1-888-433-5433

STINSON

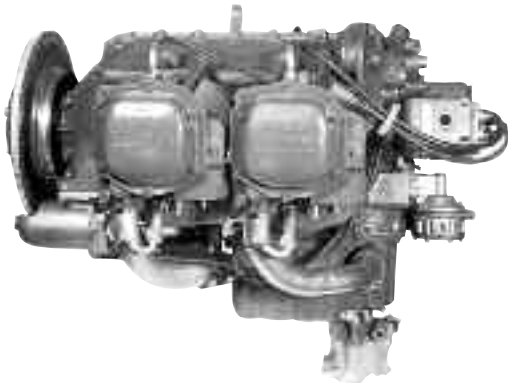
Lycoming Engine Conversions for Stinson Now Available!



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



108-3 200 hp.



Univair has received STC approval for the O-360 Series Lycoming engine (180 hp.) for the 108, 108-1, 108-2 and 108-3 Stinsons. Univair also holds the STC for the IO-360 Series Lycoming engine (200 hp.) for the 108-3 Stinson. These engines offer increased performance, a 2000-hour TBO for the O-360, an 1800-hour TBO for the IO-360, and greater serviceability. They run on the more readily available 100LL av gas

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 1/2-inch fuel lines when required. Univair can supply all necessary 1/2-inch fuel line components except the fuel valve. See fuel comparison charts below.

165 FRANKLIN 180 LYCOMING

% Power	Output	Fuel Consumption
82%	.135 hp.	10.5 gph
75%	.123 hp.	9.7 gph
71%	.117 hp.	9.3 gph
65%	.107 hp.	8.6 gph

% Power	Output	Fuel Consumption
75%	.135 hp.	10.5 gph
68%	.122 hp.	9.5 gph
65%	.117 hp.	9.0 gph
61%	.110 hp.	8.4 gph
55%	.99 hp.	7.4 gph

Savings with a 2000-hour TBO life Lycoming (180 hp.) vs. the 165 hp. Franklin (comparison at equivalent of 117 hp. for both engines) is .3 gph. At \$4.50 per gallon for fuel, that is a savings of \$2700 over the life of the Lycoming engine.

165 FRANKLIN

% Power	Output	Fuel Consumption
83%	.137 hp.	10.6 gph
75%	.123 hp.	9.7 gph
65%	.107 hp.	8.6 gph

200 LYCOMING

% Power	Output	Fuel Consumption
75%	.150 hp.	10.4 gph
68%	.137 hp.	9.4 gph
65%	.130 hp.	9.1 gph
61%	.123 hp.	8.5 gph
55%	.110 hp.	7.5 gph

Savings with 1800-hour TBO life Lycoming (200 hp.) vs. 165 hp. Franklin is 1.2 gph at \$4.50 per gallon, or \$9720.

STINSON

LYCOMING O-360 SERIES - 180 HP.

STC-SA2718NM

Our STC covers the installation of the O-360 series* 180 hp. Lycoming engine with fixed pitch Sensenich propeller in the 108, 108-1, 108-2 and 108-3 Stinsons. The 3/8-inch fuel lines in the 108 and 108-1 aircraft will have to be replaced with 1/2-inch fuel lines and the fittings on the fuel tanks modified. Univair can supply all necessary 1/2-inch fuel line components with the exception of the 1/2-inch fuel valve. Also, the 108 and 108-1 aircraft that do not already have a rudder bungee kit will be required to have one installed. These items are not included in either the Minimum Conversion Kits or the Detail Kits listed below, but are available from Univair.

This Engine Conversion will allow the use of existing cowling, with modifications to the lower cowl and nose cowl.

Below on the left is a list of major items required for this installation as contained in the Minimum Conversion Kit. This kit will be sold only as a complete package. Other "detail" items needed for the conversion such as controls, ducting, hoses, etc., are available in the Detail Kit, below on the right, or may be purchased individually.



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

Sensenich Propeller **PC 232** ...76EM8-Series
 Rudder Bungee Kit108-3042450
 (required when 165hp. or larger engine is installed)

Minimum Conversion Kit (excludes engine) For Wide Deck Engines

180MK		
PART NO.	QTY.	DESCRIPTION
108-U9001023	1	Engine Mount
O-360	1	Baffle Set
20002A	2	Oil Cooler
108-U9001024	1	Oil Cooler Take Off
U14422-B	1	Spinner Assembly PC 150
108-U9001059	1	Carburetor Air Box
108-U9001064	1	Exhaust Manifold
108-U9001015-3A	2	Muffler Assembly
108-6222209-20	1	Shroud
108-6221210-20	1	Shroud
108-6221704	2	Shroud Clip
108-U9001061	2	Flame Tube
108-6221710	2	Muffler Hanger
11950-004	1	Leather Gasket PC 150
108-U9001002-2	1	Oil Pressure Tube
108-6222101-10	1	Fuel Line
108-U9001002-56	1	Oil Cooler Tube
108-U9001002-57	1	Oil Cooler Tube
108-U9001002-58	1	Oil Cooler Tube
108-6022421	1	Eyebrow
	1	STC Paperwork & Blueprints

Minimum Conversion Kit (excludes engine) For Standard Deck Engines

180MK-1		
PART NO.	QTY.	DESCRIPTION
108-U9001023	1	Engine Mount
O-360	1	Baffle Set
20002A	2	Oil Cooler
108-U9001024	1	Oil Cooler Take Off
U14422-B	1	Spinner Assembly PC 150
108-U9001059	1	Carburetor Air Box
108-U9001064	1	Exhaust Manifold
108-U9001015-3A	2	Muffler Assembly
108-6222209-20	1	Shroud
108-6221210-20	1	Shroud
108-6221704	2	Shroud Clip
108-U9001061	2	Flame Tube
108-6221710	2	Muffler Hanger
108U9001051	1	Alternator Adjustment Arm
108-U9001054	1	Alternator Brace
11950-004	1	Leather Gasket PC 150
3L320	1	V Belt
108-U9001002-2	1	Oil Pressure Tube
108-6222101-10	1	Fuel Line
108-U9001002-56	1	Oil Cooler Tube
108-U9001002-57	1	Oil Cooler Tube
108-U9001002-58	1	Oil Cooler Tube
108-6022421	1	Eyebrow
108-U9001062	1	Bracket
	1	STC Paperwork & Blueprints

Detail Kit (may be purchased individually)

180DK		
PART NO.	QTY.	DESCRIPTION
108-U9001008-2	1	Oil Pressure Line
CAT16	1	Aero Duct PC 401
	2	Hose Clamp
TACH-37	1	Tachometer Cable PC 635
SCAT4	1	Aero Duct PC 401
SCEET8	2	Aero Duct PC 401
SCAT8	1	Aero Duct PC 401
MIL6000-12	3	3/4-inch Hose PC 401
49X8	1	Elbow PC 525
A700BL0600	1	Button Lock Control, (60-inch) PC 283
A750BL0526	1	Throttle Control PC 283
A750RD0480	1	Mixture Control PC 283
J7402-24	4	Lord Mount PC 299
U70371-000	1	Swivel PC 150
BA-4106	1	Air Filter Assembly PC 275
108-U9001011	2	Tail Pipe
108-U9001055	1	Baffle Air Scoop
108-U9001058	2	Muffler Clamp
108-U9001053-00	1	Hanger
108-U9001053-01	1	Hanger
108-U9001050	1	Cowl Reinforcement Ring
108-U9001065	1	Bushing
CLM-60	1	Circuit Breaker PC 625
82311	1	60-0-60 Ammeter PC 625
AN816-8D	1	Fitting
AN822-8D	2	Fitting
AN823-8D	3	Fitting

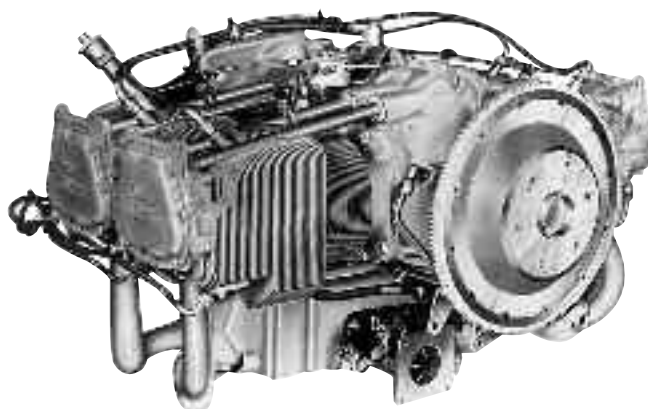
Alcor Alternator Kits

Alternator Kit (for narrow deck engines)	PC 6251255A
Alternator Kit (for wide deck engines)	PC 625A-181

LYCOMING IO-360 SERIES — 200 HP., FOR THE STINSON 108-3

Univair currently holds STC SA1552NM for installation of the IO-360 series* 200 hp. Lycoming engine conversion with Hartzell constant speed propeller on the 108-3 Stinson. This conversion is a simple and direct replacement of the Franklin 165 hp. 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.



Below on the left is a list of major items required for this installation as contained in the Minimum Conversion Kit. This kit will be sold only as a complete package. Other “detail” items needed for the conversion such as controls, ducting, hoses, etc., are available in the Detail Items, below on the right, and must be purchased individually.

Hartzell Propeller and Accessories	
Propeller.....	PC 22681-C2K00040
Spinner.....835-44
Governor.....H1

*** IO-360 Engines approved for this STC are:
IO-360-A1A, -A1B, -A1B6, and -A1C.**

Minimum Conversion Kit (excludes engine) **200MK**

Part No.	Qty.	Description
108-U9001015-3A	.1	Muffler, Left Hand
108-U9001015-4A	.1	Muffler, Right Hand
108-U9001010	.2	Perforated Tube
108-U9001023	.1	Engine Mount
108-U9001020	.1	Baffle Set Kit
108-6221704	.2	Shroud Clip
108-U9001032	.1	Side Cowl Assembly
108-U9001033	.1	Nose Cowl
108-9001040	.1	Bottom Cowl Modification Kit
108-U9001019	.1	Alternator Air Box Assembly
108-U9001034	.1	Headers
U9001016KIT	.1	Muffler/Tailpipe Hanger Kit
108-1500-00-44	.1	Auxiliary Fuel Pump
108-622209-20	.1	Cabin Heat Shroud
U9001021KIT	.1	Bracket Kit Baffle Inst.
8368	.1	V Belt
20002A	.2	Oil Cooler
SA1552NM	.1	STC Paperwork and Blueprints

Detail ITEMS (Must be purchased individually)

Part No.	Qty.	Description
108-U9001013	.1	Tailpipe, Left Hand
108-U9001014	.1	Tailpipe, Right Hand
108-U9001024	.1	Oil Cooler Duct and Flange Fitting
108-U9001003	.1	Bkt. Auxiliary Fuel Pump
A750BL0290	PC 283 .1	Governor Control
A750BL0526	PC 283 .1	Throttle Control
A750RD0600	PC 283 .1	Mixture Control
032-22	.1	Alt. Air Control
108-U9001004	.1	Throttle Bracket
TACH-37	PC 635 .1	Tachometer Cable
10-357200-1	PC 245 .1	Ignition Switch for non-impulse coupled mags
10-176487-1	PC 245 .1	Ignition Starter Vibrator for non-impulse coupled mags
108-U3062020	.1	Battery Box Relocation Kit
CLM-60	PC 625 .1	.60-Amp Circuit Breaker
82311	PC 645 .1	.60-0-60 Ammeter
AG1055	PC 635 .1	Manifold Pres./Fuel Flow Gauge
J7402-24	PC 299 .4	Lord Mounts
WIRE-KIT	.1	Electrical Wiring, Complete Set
HOSE-KIT	.1	Engine Hose Kit
BA-5110	PC 275 .1	Air Filter