

## STINSON HARDWARE

### Hardware for a complete aircraft per the Stinson parts manual.

| Part No.     | Superceded No. | Descrip. | Use                                | System       | Qty. | Total     |
|--------------|----------------|----------|------------------------------------|--------------|------|-----------|
| <b>BOLTS</b> |                |          |                                    |              |      |           |
| AN3-4A       | -              | BOLT     | slat attach                        | wing         | 8    |           |
| AN3-4A       | -              | BOLT     | rudder bar                         | control      | 2    |           |
| AN3-4A       | -              | BOLT     | vert. stab. Hinge attach. (1948)   | empennage    | 4    | <b>14</b> |
| AN3-5A       | -              | BOLT     | vert. stab. Attach ('46 & '47)     | empennage    | 8    | <b>8</b>  |
| AN3-6A       | -              | BOLT     | vert. stab. Attach ('46 & '47)     | empennage    | 4    | <b>4</b>  |
| AN3-7A       | -              | BOLT     | flap push rod                      | wing         | 2    | <b>2</b>  |
| AN3-10A      | -              | BOLT     | aileron push rod                   | wing         | 2    |           |
| AN3-10A      | -              | BOLT     | aileron push rod                   | wing         | 2    |           |
| AN3-10A      | -              | BOLT     | flap push rod                      | wing         | 2    |           |
| AN3-10A      | -              | BOLT     | elevator cable                     | control      | 1    |           |
| AN3-10A      | -              | BOLT     | elevator Pulley tab control        | control      | 1    |           |
| AN3-10A      | -              | BOLT     | flap control handle latch          | control      | 1    | <b>11</b> |
| AN3-11A      | -              | BOLT     | elevator Pulley tab control        | control      | 2    |           |
| AN3-11A      | -              | BOLT     | rudder tab pulley control (1948)   | control      | 2    | <b>4</b>  |
| AN4-7A       | -              | BOLT     | control column                     | control      | 2    |           |
| AN4-7A       | -              | BOLT     | rudder bar                         | control      | 1    | <b>3</b>  |
| AN4-10A      | -              | BOLT     | aileron & flap controls            | control      | 1    |           |
| AN4-10A      | -              | BOLT     | brake to axle flange               | landing gear | 12   |           |
| AN4-10A      | -              | BOLT     | aileron attach                     | wing         | 4    | <b>17</b> |
| AN4-11A      | -              | BOLT     | flap attach                        | wing         | 6    |           |
| AN4-11A      | -              | BOLT     | rudder attach ('46, '47 & '48)     | empennage    | 2    |           |
| AN4-11A      | -              | BOLT     | elevator Push-pull tube            | control      | 1    | <b>9</b>  |
| AN4-12A      | -              | BOLT     | rudder attach ('46, '47 & '48)     | empennage    | 1    |           |
| AN4-12A      | -              | BOLT     | vert. stab. Hinge upr. attach.     | empennage    | 5    | <b>6</b>  |
| AN4-15A      | -              | BOLT     | aileron/flap bellcrank attach      | wing         | 2    | <b>2</b>  |
| AN4-16A      | -              | BOLT     | aileron attach                     | wing         | 2    | <b>2</b>  |
| AN4-17A      | -              | BOLT     | aileron bellcrank attach           | wing         | 2    |           |
| AN4-17A      | -              | BOLT     | elevator Push-pull tube            | control      | 1    | <b>3</b>  |
| AN4-20A      | -              | BOLT     | horiz. Stab. Attach                | empennage    | 2    | <b>2</b>  |
| AN4-22A      | -              | BOLT     | elevator bellcrank                 | control      | 1    | <b>1</b>  |
| AN4-23A      | -              | BOLT     | aileron bellcrank                  | wing         | 2    | <b>2</b>  |
| AN4-30A      | -              | BOLT     | flap control handle                | control      | 1    | <b>1</b>  |
| AN4-42A      | -              | BOLT     | control column                     | control      | 1    | <b>1</b>  |
| AN5-11A      | -              | BOLT     | strut yoke attach                  | wing         | 2    | <b>2</b>  |
| AN5-22A      | -              | BOLT     | rear spar attach                   | wing         | 2    | <b>2</b>  |
| AN5-25       | -              | BOLT     | tailwheel leaf spring attach       | landing gear | 1    | <b>1</b>  |
| AN5-25A      | -              | BOLT     | front strut attach                 | wing         | 2    |           |
| AN5-25A      | -              | BOLT     | rear strut attach                  | wing         | 2    | <b>4</b>  |
| AN6-14       | -              | BOLT     | oleo attach                        | landing gear | 2    | <b>2</b>  |
| AN6-21       | -              | BOLT     | oleo attach                        | landing gear | 2    | <b>2</b>  |
| AN6-23A      | -              | BOLT     | front spar attach                  | wing         | 2    | <b>2</b>  |
| AN6-24A      | -              | BOLT     | axle attach ('46 & 47)             | landing gear | 2    | <b>2</b>  |
| AN6-36       | -              | BOLT     | engine Mount to airframe           | engine       | 4    | <b>4</b>  |
| AN6-37       | -              | BOLT     | engine to engine mount             | engine       | 4    | <b>4</b>  |
| AN8-14A      | -              | BOLT     | tailwheel installation, 2000 scott | landing gear | 1    | <b>1</b>  |
| AN8-21A      | -              | BOLT     | lower strut attach                 | wing         | 2    | <b>2</b>  |

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|                             |            |                 |                                           |              |    |           |
|-----------------------------|------------|-----------------|-------------------------------------------|--------------|----|-----------|
| <b>CLEVIS BOLTS</b>         |            |                 |                                           |              |    |           |
| AN23-9                      | -          | CLEVIS BOLT     | flap control                              | control      | 1  | <b>1</b>  |
| AN23-10                     | -          | CLEVIS BOLT     | flap control handle                       | control      | 1  | <b>1</b>  |
| AN23-11                     | -          | CLEVIS BOLT     | aileron control cable                     | wing         | 2  |           |
| AN23-11                     | -          | CLEVIS BOLT     | aileron idler cable                       | wing         | 2  |           |
| AN23-11                     | -          | CLEVIS BOLT     | flap control cable                        | wing         | 2  | <b>6</b>  |
| AN23-12                     | -          | CLEVIS BOLT     | rudder cable                              | control      | 1  | <b>1</b>  |
| AN23-15                     | -          | CLEVIS BOLT     | elevator cable                            | control      | 1  | <b>1</b>  |
| AN24-8A                     | -          | CLEVIS BOLT     | horiz. Stab. Attach                       | empennage    | 2  | <b>2</b>  |
| AN24-14                     | -          | CLEVIS BOLT     | horiz. Stab. Attach                       | empennage    | 2  | <b>2</b>  |
| AN24-19A                    | -          | CLEVIS BOLT     | horiz. Stab. Attach                       | empennage    | 2  | <b>2</b>  |
| <b>CLOSE TOLERANCE BOLT</b> |            |                 |                                           |              |    |           |
| AN173-11A                   | -          | CLOSE TOL. BOLT | control wheel                             | control      | 2  | <b>2</b>  |
| <b>AN210 SERIES PULLEYS</b> |            |                 |                                           |              |    |           |
| AN210-1A                    | -          | PULLEY          | elevator trim cable pulley (s/ 2250 & up) | control      | 2  | <b>2</b>  |
| AN210-3A                    | MS24566-3B | PULLEY          | flap cable pulley                         | control      | 3  |           |
| AN210-3A                    | MS24566-3B | PULLEY          | rudder cable pulley                       | control      | 4  |           |
| AN210-3A                    | MS24566-3B | PULLEY          | aileron cable pulley                      | wing         | 4  | <b>11</b> |
| AN210-4A                    | MS24566-4B | PULLEY          | aileron cable pulley                      | wing         | 4  |           |
| AN210-4A                    | MS24566-4B | PULLEY          | aileron controls                          | control      | 6  |           |
| AN210-4A                    | MS24566-4B | PULLEY          | control column                            | control      | 4  | <b>14</b> |
| <b>NUTS</b>                 |            |                 |                                           |              |    |           |
| AN310-3                     | -          | NUT             | flap control                              | control      | 2  | <b>2</b>  |
| AN310-5                     | -          | NUT             | tailwheel leaf spring attach              | landing gear | 1  | <b>1</b>  |
| AN310-6                     | -          | NUT             | oleo attach                               | landing gear | 4  |           |
| AN310-6                     | -          | NUT             | engine Mount to airframe                  | engine       | 4  |           |
| AN310-6                     | -          | NUT             | engine to engine mount                    | engine       | 4  | <b>12</b> |
| AN315-3R                    | -          | NUT             | fuel tank strap                           | wing         | 16 | <b>16</b> |
| AN316-4R                    | -          | NUT             | elevator tab control                      | control      | 4  | <b>4</b>  |
| AN316-8                     | -          | NUT             | strut fork jam nut                        | wing         | 2  | <b>2</b>  |
| AN320-3                     | -          | NUT             | elevator cable                            | control      | 1  |           |
| AN320-3                     | -          | NUT             | elevator Tab shaft assy.                  | control      | 1  |           |
| AN320-3                     | -          | NUT             | flap control                              | control      | 1  |           |
| AN320-3                     | -          | NUT             | rudder cable                              | control      | 1  |           |
| AN320-3                     | -          | NUT             | aileron control cable                     | wing         | 2  |           |
| AN320-3                     | -          | NUT             | aileron idler cable                       | wing         | 2  |           |
| AN320-3                     | -          | NUT             | flap control cable                        | wing         | 2  | <b>10</b> |
| AN364-1032                  | -          | NUT             | tailwheel leaf spring attach              | landing gear | 1  | <b>1</b>  |
| AN364-428                   | -          | NUT             | horiz. Stab. Attach                       | empennage    | 4  | <b>4</b>  |
| AN365-1032                  | MS21044N3  | NUT             | vert. stab. Attach ('46 & '47)            | empennage    | 8  |           |
| AN365-1032                  | MS21044N3  | NUT             | aileron & flap controls                   | control      | 1  |           |
| AN365-1032                  | MS21044N3  | NUT             | control wheel u-joint                     | control      | 2  |           |
| AN365-1032                  | MS21044N3  | NUT             | elevator cable                            | control      | 1  |           |
| AN365-1032                  | MS21044N3  | NUT             | elevator Pulley tab control               | control      | 2  |           |
| AN365-1032                  | MS21044N3  | NUT             | elevator Pulley tab control               | control      | 1  |           |
| AN365-1032                  | MS21044N3  | NUT             | latch flap control handle                 | control      | 1  |           |
| AN365-1032                  | MS21044N3  | NUT             | rudder bar                                | control      | 2  |           |
| AN365-1032                  | MS21044N3  | NUT             | rudder tab pulley control (1948)          | control      | 4  |           |
| AN365-1032                  | MS21044N3  | NUT             | aileron push rod                          | wing         | 2  |           |
| AN365-1032                  | MS21044N3  | NUT             | aileron push rod                          | wing         | 2  |           |

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|                    |              |            |                                   |              |    |           |
|--------------------|--------------|------------|-----------------------------------|--------------|----|-----------|
| AN365-1032         | MS21044N3    | NUT        | flap push rod                     | wing         | 2  | <b>28</b> |
| AN365-428          | -            | NUT        | horiz. Stab. Attach               | empennage    | 2  |           |
| AN365-428          | -            | NUT        | control column                    | control      | 2  |           |
| AN365-428          | -            | NUT        | control column                    | control      | 1  |           |
| AN365-428          | -            | NUT        | elevator bellcrank                | control      | 1  |           |
| AN365-428          | -            | NUT        | elevator Push-pull tube           | control      | 2  |           |
| AN365-428          | -            | NUT        | flap control handle               | control      | 1  |           |
| AN365-428          | -            | NUT        | rudder bar                        | control      | 1  |           |
| AN365-428          | -            | NUT        | rudder tab control (1948)         | control      | 4  |           |
| AN365-428          | -            | NUT        | brake to axle flange              | landing gear | 12 |           |
| AN365-428          | -            | NUT        | tailwheel leaf spring attach      | landing gear | 4  |           |
| AN365-428          | -            | NUT        | rudder attach ('46, '47 & '48)    | empennage    | 3  |           |
| AN365-428          | -            | NUT        | vert. stab. Attach ('46 & '47)    | empennage    | 4  |           |
| AN365-428          | -            | NUT        | vert. stab. Hinge upr. attach.    | empennage    | 5  |           |
| AN365-428          | -            | NUT        | aileron attach                    | wing         | 6  |           |
| AN365-428          | -            | NUT        | aileron bellcrank                 | wing         | 2  |           |
| AN365-428          | -            | NUT        | aileron/flap bellcrank attach     | wing         | 2  | <b>52</b> |
| AN365-524          | -            | NUT        | front strut attach                | wing         | 2  |           |
| AN365-524          | -            | NUT        | rear spar attach                  | wing         | 2  |           |
| AN365-524          | -            | NUT        | rear strut attach                 | wing         | 4  | <b>8</b>  |
| AN365-624          | -            | NUT        | axle attach ('46 & 47)            | landing gear | 2  |           |
| AN365-624          | -            | NUT        | front spar attach                 | wing         | 2  | <b>4</b>  |
| AN365-820          | MS21044N8    | NUT        | lower strut attach                | wing         | 2  |           |
| AN365-820          | MS21044N8    | NUT        | Scott 2000 tailwheel installation | landing gear | 1  | <b>3</b>  |
| <b>COTTER PINS</b> |              |            |                                   |              |    |           |
| AN380-2-2          | -            | COTTER PIN | elevator cable                    | control      | 1  |           |
| AN380-2-2          | -            | COTTER PIN | outer wheel pant bracket attach   | landing gear | 2  |           |
| AN380-2-2          | -            | COTTER PIN | tailwheel leaf spring attach      | landing gear | 1  |           |
| AN380-2-2          | -            | COTTER PIN | elevator Tab shaft assy.          | control      | 1  |           |
| AN380-2-2          | -            | COTTER PIN | flap control                      | control      | 1  |           |
| AN380-2-2          | -            | COTTER PIN | flap control handle               | control      | 1  |           |
| AN380-2-2          | -            | COTTER PIN | latch flap control handle         | control      | 1  |           |
| AN380-2-2          | -            | COTTER PIN | rudder cable                      | control      | 1  | <b>9</b>  |
| AN380-2-3          | MS24665-134  | COTTER PIN | aileron bellcrank                 | wing         | 2  |           |
| AN380-2-3          | MS24665-134  | COTTER PIN | aileron control cable             | wing         | 2  |           |
| AN380-2-3          | MS24665-134  | COTTER PIN | flap control cable                | wing         | 2  | <b>6</b>  |
| AN380-3-3          | MS24665-283  | COTTER PIN | engine Mount to airframe          | engine       | 4  |           |
| AN380-3-3          | MS24665-283  | COTTER PIN | engine to engine mount            | engine       | 4  | <b>8</b>  |
| AN380-3-4          | MS24665-285  | COTTER PIN | oleo attach                       | landing gear | 4  | <b>4</b>  |
| AN380-4-6          | -            | COTTER PIN | elevator tab control              | control      | 1  |           |
| AN380-4-6          | -            | COTTER PIN | rudder tab control (1948)         | control      | 1  | <b>2</b>  |
| <b>CLEVIS PINS</b> |              |            |                                   |              |    |           |
| AN392-11           | -            | CLEVIS PIN | latch flap control handle         | control      | 1  | <b>1</b>  |
| AN394-57           | MS20392-3C57 | CLEVIS PIN | outer wheel pant bracket attach   | landing gear | 2  | <b>2</b>  |
| <b>SCREWS</b>      |              |            |                                   |              |    |           |
| AN500A6-6          | MS35265-28   | SCREW      | elevator tab control              | control      | 2  |           |
| AN500A6-6          | MS35265-28   | SCREW      | rudder tab control (1948)         | control      | 2  | <b>4</b>  |
| AN520-10R16        | MS35207-267  | SCREW      | tailwheel leaf spring attach      | landing gear | 1  | <b>1</b>  |
| AN526-1024-8       | -            | SCREW      | windshield screw at top           | fuselage     | 24 | <b>24</b> |
| <b>WASHERS</b>     |              |            |                                   |              |    |           |
| AN936A416          | MS35333-40   | WASHER     | control column                    | control      | 4  | <b>4</b>  |

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|-----------------------------|------------------|--------------|------------------------------------|--------------|----|-----------|
| AN960-10                    | NAS1149F063P     | WASHER       | vert. stab. Attach ('46 & '47)     | empennage    | 8  |           |
| AN960-10                    | NAS1149F063P     | WASHER       | elevator Tab shaft assy.           | control      | 1  |           |
| AN960-10                    | NAS1149F063P     | WASHER       | yoke u-joint bolt                  | control      | 2  |           |
| AN960-10                    | NAS1149F063P     | WASHER       | tailwheel leaf spring attach       | landing gear | 2  | <b>13</b> |
| AN960-416                   | NAS1149F0463P    | WASHER       | control column                     | control      | 1  |           |
| AN960-416                   | NAS1149F0463P    | WASHER       | rudder bar                         | control      | 1  |           |
| AN960-416                   | NAS1149F0463P    | WASHER       | aileron attach                     | wing         | 2  |           |
| AN960-416                   | NAS1149F0463P    | WASHER       | horiz. Stab. Attach                | empennage    | 6  |           |
| AN960-416                   | NAS1149F0463P    | WASHER       | vert. stab. Attach ('46 & '47)     | empennage    | 4  | <b>14</b> |
| AN960-616                   | -                | WASHER       | axle attach ('46 & '47)            | landing gear | 2  |           |
| AN960-616                   | -                | WASHER       | oleo attach                        | landing gear | 4  | <b>6</b>  |
| AN960-816                   | NAS1149F863P     | WASHER       | tailwheel installation, 2000 scott | landing gear | 1  | <b>1</b>  |
| <b>BEARINGS</b>             |                  |              |                                    |              |    |           |
| CS1255                      | 452-342 (PIPER)  | BEARING      | control column lwr. Bearings       | control      | 2  |           |
| CS1255                      | 452-342 (PIPER)  | BEARING      | elevator bellcrank bearings        | control      | 2  |           |
| CS1255                      | 452-342 (PIPER)  | BEARING      | bellcrank bearing - flap & aileron | wing         | 8  | <b>12</b> |
| CS1280                      | no longer avail. | BEARING      | rudder pedal attach                | control      | 2  |           |
| CS2170                      | CS3906           | BEARING      | aileron hinge                      | wing         | 6  |           |
| CS2170                      | CS3906           | BEARING      | flap hinge bearing                 | wing         | 4  |           |
| CS2170                      | CS3906           | BEARING      | rudder attach ('46 & '47)          | empennage    | 3  |           |
| CS2170                      | CS3906           | BEARING      | rudder attach ('48)                | empennage    | 3  |           |
| CS2170                      | CS3906           | BEARING      | elevator attach ('46, '47 & '48)   | empennage    | 3  | <b>19</b> |
| CS4050                      | 452-340 (PIPER)  | BEARING      | control colum upr. Bearings        | control      | 4  | <b>4</b>  |
| <b>PULLEYS, SEALS, ETC.</b> |                  |              |                                    |              |    |           |
| 1024                        | -                | TEE NUT      | windshield nut fastener            | fuselage     | 24 | <b>24</b> |
| 3041209                     | -                | PULLEY       | aileron cable pulley               | control      | 4  | <b>4</b>  |
| 3041411                     | -                | BEARING      | rudder pedal torque tube           | control      | 2  | <b>2</b>  |
| 8001001                     | -                | FELT SEAL    | aileron hinge bearing              | wing         | 12 |           |
| 8001001                     | -                | FELT SEAL    | rudder attach ('46 & '47)          | empennage    | 6  |           |
| 8001001                     | -                | FELT SEAL    | rudder attach ('48)                | empennage    | 6  |           |
| 8001001                     | -                | FELT SEAL    | elevator attach ('46, '47 & '48)   | empennage    | 6  |           |
| 8001001                     | -                | FELT SEAL    | flap hinge bearing                 | wing         | 8  | <b>38</b> |
| 3041204-0                   | -                | PULLEY       | control column shaft pulley, L/H   | control      | 1  | <b>1</b>  |
| 3041204-2                   | -                | PULLEY       | control column shaft pulley, R/H   | control      | 1  | <b>1</b>  |
| 41001-2                     | -                | PULLEY       | rudder cable                       | control      | 2  | <b>2</b>  |
| GMM-3M-680                  | -                | ROD END BRNG | aileron push rod                   | wing         | 4  | <b>4</b>  |
| RE3H5                       | REP3H5           | ROD END BRNG | flap push rod                      | wing         | 8  | <b>8</b>  |
| U17662                      | -                | BOLT         | propeller bolt                     | engine       | 8  | <b>8</b>  |