


**Aero Twin, Inc. Nose Gear Gravel Deflectors,
Kit No. NGD8-100
for
Cessna Model 208, 208A, and 208B**

INSTALLATION INSTRUCTIONS

Manual NGD8-IM

Note: This document contains important installation and weight and balance data. Do not discard. For maintenance instructions, required inspection and maintenance intervals, and an illustrated parts list, see the Instructions for Continued Airworthiness, Document No. NGD8-ICA.

FAA/DAS Approved:



DAS Coordinator
Designated Alteration Station DAS-01-AK
Anchorage, Alaska

May 5, 2006

[illegible]

Aero Twin, Inc. Nose Gear Gravel Deflectors P/N NGD8-100

1.0 Installation

1. Measure distance between the two side plates of the gravel deflector frame, item -1, at the large holes. The distance should be 11.8 ± 0.1 inches. If this dimension is not within tolerance, gently bend the forward ends of the deflector together or apart to match the required dimension. When measuring, ensure that the part is at rest, i.e. the measurement is taken after the material springs back.
2. Center large hole on item -1 over the axle boss on the outsides of the nose gear fork.
3. Using the bolts, item -6, with washers, item -7, and nuts, item -8, clamp the top of the gravel deflector frame to the nose gear fork by bolting through the frame, the front and aft blocks, items -2 and -3, and the clamp plate, item -4, as shown. If necessary, the interior faces of blocks, items -2 and -3, may be ground up to 0.125 inches back to fit the nose gear fork.
4. Execute FAA form 337, stating that this gravel deflector kit was installed in accordance with this STC. Update the aircraft empty weight and balance. The total change in airplane empty weight and balance is +9 lb at fuselage station 61.8.

2.0 Parts List

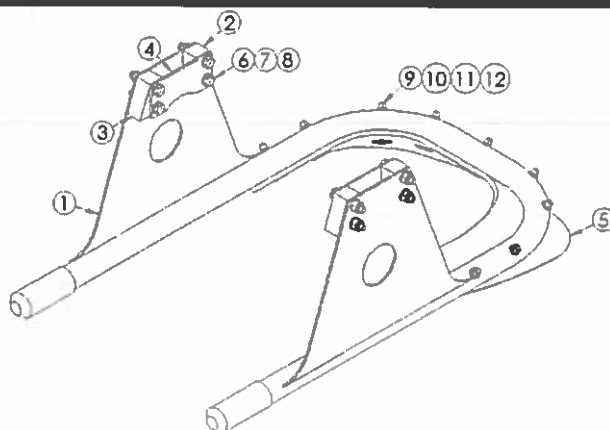


Figure 1. Nose Gear Gravel Deflector Parts

Item	Qty	Part Number	Item Description
1	1	208GD-N	Gravel Deflector Frame
2	2	NGD8-109	Aft Clamp Block
3	2	NGD8-110	Forward Clamp Block
4	2	NGD8-108	Clamp Plate
5	1	NGD8-104	Mud Flap
6	8	AN4-14A	Bolt
7	16	NAS1149F0463P	Washer
8	8	MS21045-4	Nut
9	9	MS24694S65	Countersunk Screw
10	9	A3235-028-935 or FW235-28	Countersunk Washer
11	9	NAS1149F0332P	Washer
12	9	MS21042L3	Nut

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