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SB-GA8-2011-65

Issue 39

OPTIONAL

Service Bulletin

1 Subject:

Part A Increased Gross Weight (1905 kg) Modifications.

Part B Increased Gross Weight (1905 kg) and Landing Weight (1860kg) Modifications.

2 Applicability:

Table 1 – Part A Applicability

AIRCRAFT	SERIAL NUMBER(s)
GA8-TC 320	<p>This Service Bulletin is applicable to all GA8-TC 320 aircraft.</p> <p>Written authorisation to install this optional service bulletin must be obtained from GippsAero before installation.</p> <p>The following S/No. are authorised* by this Service Bulletin:</p> <p>GA8-TC 320-02-016, GA8-TC 320-03-025, GA8-TC 320-09-120, GA8-TC 320-08-130, GA8-TC 320-08-134, GA8-TC 320-08-137, GA8-TC 320-09-144, GA8-TC 320-09-145, GA8-TC 320-09-146, GA8-TC 320-09-149, GA8-TC 320-09-150, GA8-TC 320-09-151, GA8-TC 320-09-152, GA8-TC 320-10-153, GA8-TC 320-10-154, GA8-TC 320-10-155, GA8-TC 320-10-156, GA8-TC 320-10-157, GA8-TC 320-10-158, GA8-TC 320-10-159, GA8-TC 320-11-161, GA8-TC 320-11-162, GA8-TC 320-11-163, GA8-TC 320-11-164, GA8-TC 320-11-165, GA8-TC 320-11-166, GA8-TC 320-11-167, GA8-TC 320-11-168, GA8-TC 320-11-169, GA8-TC 320-11-172, GA8-TC 320-12-173, GA8-TC 320-12-174, GA8-TC 320-12-175, GA8-TC 320-12-177, GA8-TC 320-12-178, GA8-TC 320-12-181, GA8-TC 320-12-182, GA8-TC 320-12-183, GA8-TC 320-12-185, GA8-TC 320-12-186, GA8-TC 320-12-187, GA8-TC 320-13-188, GA8-TC 320-13-189, GA8-TC 320-13-191, GA8-TC 320-13-192, GA8-TC 320-13-193, GA8-TC 320-13-198, GA8-TC 320-13-200, GA8-TC 320-14-205, GA8-TC 320-15-207, GA8-TC 320-15-213, GA8-TC 320-15-215, GA8-TC 320-15-218, GA8-TC 320-15-224, GA8-TC 320-16-229, GA8-TC 320-16-232, GA8-TC 320-16-234, GA8-TC 320-17-238, GA8-TC 320-17-239, GA8-TC 320-17-241, GA8-TC 320-17-242, GA8-TC 320-17-243, GA8-TC 320-18-245, GA8-TC 320-18-246, GA8-TC 320-18-247, GA8-TC 320-18-249, GA8-TC 320-18-250, GA8-TC 320-19-251, GA8-TC 320-19-252, GA8-TC 320-19-253, GA8-TC 320-19-254, GA8-TC 320-19-255, GA8-TC 320-19-256, GA8-TC 320-19-257, GA8-TC 320-19-258, GA8-TC 320-19-259, GA8-TC 320-19-260, GA8-TC 320-20-261,</p>

* For Issue 39 and onwards, an authorisation letter from GippsAero allowing the installation of this Service Bulletin to the aircraft serial number is required for new installations unless the aircraft S/No. is listed in the table above.

Table 2 – Part B Applicability

AIRCRAFT	SERIAL NUMBER(s)
GA8-TC 320	<p>This Service Bulletin is applicable to all GA8-TC 320 aircraft.</p> <p>Written authorisation to install this optional service bulletin must be obtained from GippsAero before installation.</p> <p>The following S/No. are authorised# by this Service Bulletin: GA8-TC 320-09-120, GA8-TC 320-08-130, GA8-TC 320-09-144, GA8-TC 320-09-149, GA8-TC 320-09-150, GA8-TC 320-09-151, GA8-TC 320-09-152, GA8-TC 320-10-157, GA8-TC 320-11-161, GA8-TC 320-11-164, GA8-TC 320-11-165, GA8-TC 320-12-173, GA8-TC 320-13-198, GA8-TC 320-15-218, GA8-TC 320-15-224, GA8-TC 320-16-229, GA8-TC 320-16-232, GA8-TC 320-16-234, GA8-TC 320-17-242, GA8-TC 320-18-245, GA8-TC 320-18-246, GA8-TC 320-18-247, GA8-TC 320-18-249, GA8-TC 320-18-250, GA8-TC 320-20-261</p>

For Issue 39 and onwards, an authorisation letter from GippsAero allowing the installation of this Service Bulletin to the aircraft serial number is required for new installations unless the aircraft S/No. is listed in the table above.

NOTE:

Part B is only applicable to aircraft that already have the IGW Modification of Part A of this Service Bulletin (or modified up to Issue 23 of this Service Bulletin) incorporated. It is acceptable to incorporate Part A and Part B simultaneously.

3 Amendments:

- Issue 34: Serial number GA8-TC 320-17-242 added to Part B. Refer to GAE12#2628
- Issue 35: Serial number GA8-TC 320-20-261 added to Part A & B. Refer to GAE12#2648
- Issue 36: Serial number GA8-TC 320-10-153 added to Part A. Refer to GAE12#2748
- Issue 37: Serial number GA8-TC 320-08-130, GA8-TC 320-09-149, GA8-TC 320-09-151, GA8-TC 320-09-152, GA8-TC 320-10-157 and GA8-TC 320-11-164 added to Part B. Refer to GAE12#2764.
- Issue 38: Serial number GA8-TC 320-09-120 added to Part B. Refer to GAE12#2784.
- Issue 39: Serial number GA8 TC 320 09-150 added to Part B. Format updated. Refer to GAE11#2821.

4 Background:

GippsAero have completed two separate projects to increase design weight limits on GA8-TC 320 model aircraft. The first project approves an increase in maximum take-off weight from 1814 kg (4000 lb) to 1905 kg (4200 lb). Part A of this Service Bulletin details the modifications required to operate above the original maximum aircraft weight.

For aircraft that incorporate Part A of this Service Bulletin, the second project approves an increase in landing from 1814 kg (4000 lb) to 1860 kg (4100 lb). Part B of this Service Bulletin details the increased landing weight modification.

5 Compliance:

The accomplishment instructions contained within this Service Bulletin are optional and maybe incorporated at the Operator's, Owner's or Maintenance Provider's discretion.

6 Weight and Balance:

Negligible effect on weight and balance.