

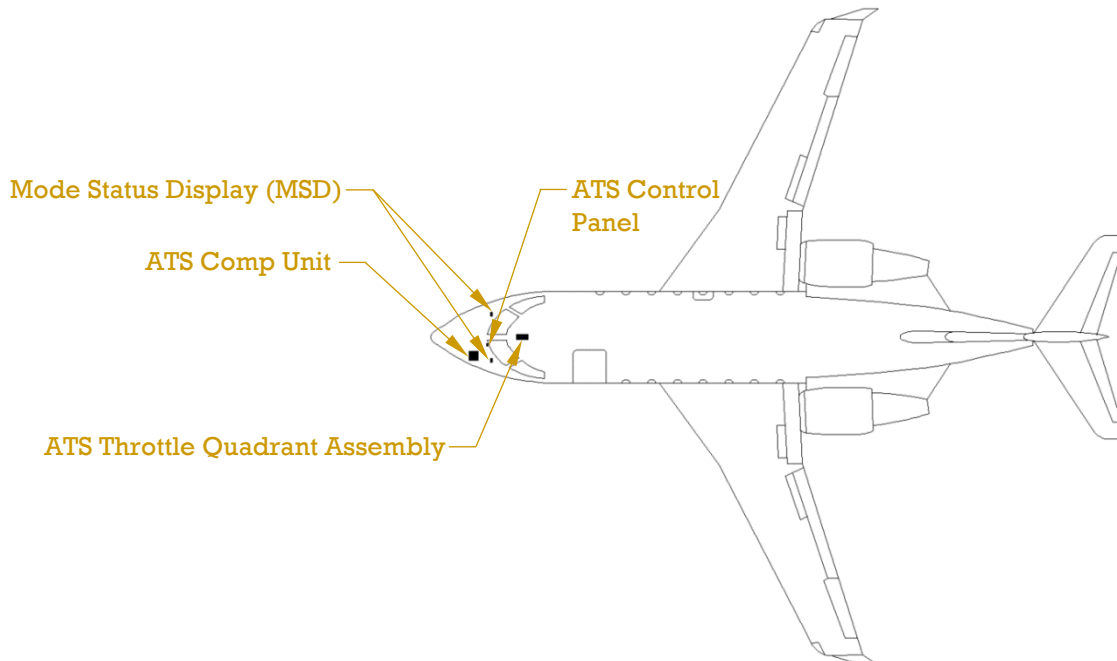
Automatic Throttle System (ATS) STC Information Sheet

STC# ST04357CH, Bombardier CL-600-2B16 series (604 Variant) aircraft, one time use \$1,500.

- **STC# ST04357CH allows for:**
 - The Installation of Safe Flight Instrument Corporation AutoPower, Automatic Throttle Control System (ATS), Mode Status Display (MSD), Engage/Disengage switch, Servomotor Clutchpack (SMCP), and the modification of the throttle levers to accommodate the additional ATS disconnect switch.
- **Aircraft Configurations (Equipment installed in table below):**
 1. New Automatic Throttle control system interfaced with Collins Aerospace Fusion EFIS (Fusion integrated).
 2. New Automatic Throttle control system **only**.
 3. Integration of an existing automatic throttle control system installed per FAA STC SA8128NM-D to interface with the Collins Aerospace EFIS (Fusion integrated).
 - Mode Status Displays (MSD) are removed and blanking plates are installed.
 - ATS Computer will be upgraded.

Equipment Description	Part number	QTY	Config
ATS Computer	C-101635-2	1	1, 2, 3
ATS Control Panel	C-101664-1	1	1, 2
ATS Throttle Quadrant Assembly	C-80627-1	1	1, 2
Mode Status Display (MSD) - Pilot	C-101604-3	1	2
Mode Status Display (MSD) - CoPilot	C-101604-2	1	2

Locations:



- Automatic Throttle System (ATS):
 - Automatic Throttles can be engaged throughout all flight profiles:
 - Engage the throttles at the end of the runway prior to take off and experience the throttles automatically set to take off power.
 - During climb out, throttles are automatically set for ascent rate and speed.
 - Eliminates throttle tweaking for cruise.
 - Simplifies approach by monitoring rather than active throttle control.
 - The Automatic Throttles will stay engaged until touchdown, where it will automatically disengage.

- STC Data Package:
 - Letter of Authorization (LOA)
 - FAA STC Certificate
 - EASA STC Certificate
 - Master Data List (MDL)
 - Instructions for Continued Airworthiness (ICA)
 - Airplane Flight Manual Supplement (AFMS)
 - Weight and Balance Supplement
 - Electrical Load Analysis (ELA)
 - Wiring Diagram
 - Structural/Installation Drawing