

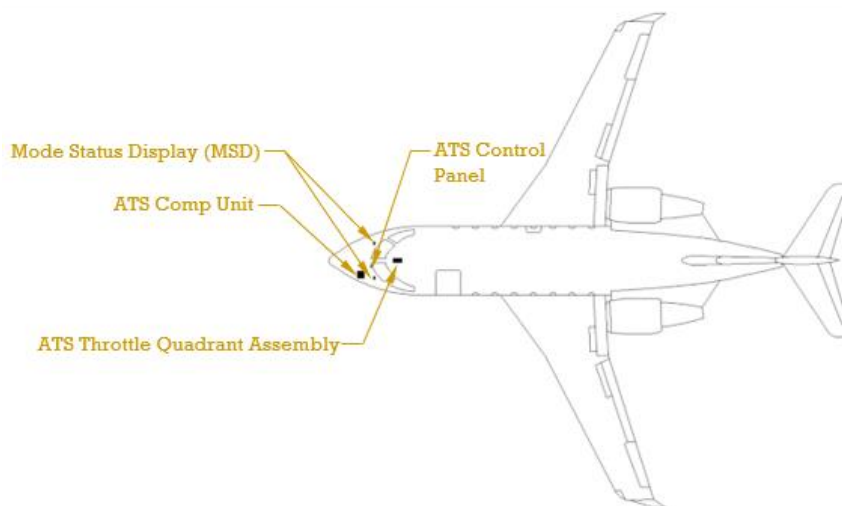
## Automatic Throttle System (ATS) STC Information Sheet

STC# ST04357CH, Bombardier CL-600-2B16 series (604 Variant) aircraft, Please Contact Nextant Aerospace at 216-261-9000 or [engineering@nextantaerospace.com](mailto:engineering@nextantaerospace.com) for STC and Kit Pricing and Availability.

- **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