

## MAINTENANCE AND OPERATIONS LETTER

August 18, 2014  
ALL-MOL-14-0024

### FLIGHT CREW OPERATIONAL INFORMATION

**TO:** All Gulfstream Operators

**SUBJECT:** Flight Controls (ATA 27) – Gust Lock System

Gulfstream issued Maintenance and Operations Letter (MOL) ALL-MOL-14-0015 on June 13, 2014, which reminded operators of the importance of adhering to Airplane Flight Manual (AFM) procedures to confirm flight control integrity and freedom of movement. The procedures direct flight crews to ensure the gust lock is released prior to engine start (not applicable for G650, which does not have a gust lock system), and that all flight controls are free to move through their full travel prior to taxi and during subsequent ground movement.

While a throttle interlock is incorporated in the design of the gust lock system, if proper unlock procedures are not followed, movement of the throttle to a position capable of providing sufficient engine power for autothrottle engagement and takeoff power may be possible for GIV models. Throttle movement is not an absolute indicator of the gust lock status for any Gulfstream model. **The freedom of flight control movement is the ultimate indicator the gust lock is fully released for all Gulfstream models.**

As mentioned in the previous MOL, flight crews are reminded to perform the following as set forth in the applicable AFM procedures for each model aircraft:

- Ensure the gust lock is OFF prior to starting engines (not applicable for G650)
- Check all flight controls for freedom and correct movement prior to taxi/takeoff
- Confirm the elevators are free during the takeoff roll

If you have questions or comments regarding this communication, please contact Customer Support [REDACTED]

Sincerely,  
[REDACTED]

Mitchell A. Choquette  
Director, Customer Support & Field Service