

FLAMMABILITY TEST REPORT · SAMPLE · BC-2026-0347

# Certificate of Flammability Compliance

Cabin interior materials — Gulfstream G550, Tail N550AV, WO G-5123F

## Test standard

Materials tested in accordance with 14 CFR Part 25, §25.853(a), Appendix F, Part I — 12-second vertical Bunsen burner test. All specimens conditioned at 70°F / 50% relative humidity for 24 hours prior to test.

## Results

Specimen	Material	Burn length	Extinguish	Result
S-01	Townsend leather — Cognac (seat cover)	2.4 in	3.1 s	PASS
S-02	Scott Group wool carpet — Slate	3.1 in	6.2 s	PASS
S-03	Ultrasuede headliner — Pearl	1.8 in	2.4 s	PASS
S-04	Walnut burl veneer + fire-blocking substrate	2.9 in	4.8 s	PASS
S-05	Divan fabric — boucle, Sand	2.6 in	3.9 s	PASS

Acceptance criteria: burn length  $\leq$  6 in; self-extinguish  $\leq$  15 s; no dripping flame  $\geq$  3 s. All specimens conform.

## Certification

The materials listed above conform to the flammability requirements of FAR 25.853(a) and are approved for installation in the referenced aircraft. Test coupons and full lab data retained on file.

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Authorized signature — Materials & Certification

Date

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