

Gulfstream (Rockwell) 114 Series Aeroplanes

AD/ROCK-114/12
Amdt 2

Wing Forward Spar

6/95

Applicability: All models 114 and 114A with Serial Numbers 14000 to 14540 not modified on both left and right hand side in accordance with Gulfstream Aerospace Service Bulletin (SB) 114-22C, Part II, Part III, Part IV or Part V.

Requirement: 1. Visually inspect, using a mirror or borescope, the upper cap of the forward wing spar in the area of the main landing gear side brace fitting in accordance with the instructions specified in Part I of Gulfstream Aerospace Service Bulletin 114-22C.

2.a. For aircraft not previously modified in accordance with either Part II or Part V of Gulfstream Aerospace SB 114-22, -22A or -22B, modify in accordance with Part II of Gulfstream Aerospace Service Bulletin 114-22C, or

2.b. For aircraft previously modified in accordance with either Part II or Part V of Gulfstream Aerospace Service Bulletin 114-22, -22A or -22B, modify in accordance with Part III of Gulfstream Aerospace Service Bulletin 114-22C.

Note: FAA AD 90-04-07 refers and supersedes FAA AD 87-14-03.

Compliance: 1. Initially inspect in accordance with Requirement 1 within 25 hours time in service from 25 May 1995. Re-inspect at intervals not to exceed 100 hours time in service.

2. Modify in accordance with Requirement 2 within 300 hours time in service from 25 May 1995.

Aircraft modified in accordance with Gulfstream Aerospace Service Bulletin 114-22, 114-22A or 114-22B or Drawing 40002 RWK #1, #2, #4G, #4H or 42000 RWK #3 are only in partial compliance with this AD and require further inspection and modification.

Background: There have been several Australian reports of cracking similar to that described in the Gulfstream SB. The FAA have determined that the earlier modifications are inadequate as a permanent solution to the problem. This Amendment introduces the latest Revision of the SB, which requires a more extensive modification.