KU-KI-527

No. TCD-5030-99

Date May 17, 1999

Japan Civil Aviation Bureau

TAIKUSEI-KAIZEN-TSUHO

Airworthiness Directive

The undermentioned examinations or modifications are mandatory

- 1. Applies to: Mitsubishi Heavy Industries (MHI) Model MU-2B-30/-35/-36 airplane: Serial Number (S/N) 501 through 696 (except S/N 652 and 661)
- 2. Compliance required as indicated, unless already accomplished.

To prevent the propagation of fatigue cracks of fuselage frame, accomplish the following paragraphs 2.1-2.2

- 2.1 Within 200 flight hours after the effective date of this Airworthiness Directive(AD), and thereafter at intervals not to exceed 2,000 flight hours, inspect the fuselage frame in accordance with the MHI Service Bulletin No. 209B dated April 19, 19997, or further JCAB approved revisions (SB). If cracks are found as a result of the inspection, modify the fuselage frame in accordance with SB.
- 2.2 An alternative means of compliance with this AD may be used, if approved by the Director-General of JCAB.

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3. Remarks		
3.1 This AD becomes effective	on May 24, 1999.	

3.2 MHI Service Bulletin No. 209B dated April 19, 1999, or further JCAB approved revisions pertain to this subject.

Additional Information on Japanese Airworthiness Directive No.TCD-5030-99

Aircraft Manufacturer/Model	JCAB AD/Da	<u>te</u>	Service Bulletin/Rev.No./Date	
Mitsubishi Model MU-2B-	•	sued on	MHI Service Bulletin No.209	
30, -35 and -36 airplane	May 14,1999		Rev.B, issued on April 19, 1999	
1. Describe the unsafe condition, and operation of the airplane.	its root cause. Include de	scription of l	how the problem could affect the safe	
			rame at STA 4610, STA 4850 and angle. The cracks could result in	
airplane. Possibly the crack mig	e repairable limit speci ght occur due to omiss B. Because the damage	ified in SB ion of the is exerted sign	No.209 Rev.A was found in an nitial inspection which is required enificant influence to the structural in	
for compliance?		hat would be	considered an appropriate grace period	
Extension of the compliance tin	ne is not allowed.			
4. Cost of parts and/or installation workhours for the owner/operator (data from the manufacturer and their supplier, if applicable)				
Approximately 6 man-hours for Approximately 10 man-hours p See page 1 of SB.				
5. If parts are required, are they availabe Please contact to the manufacture See page 7 through 14 of SB.				
6. What category best describes the category best described by the category	use of the unsafe condition Y Quality Control Unapproved Par	Problem	Operational Other (Specify)	
7. Should a ferry flight be permitted? If no, why not? No. It should not be permitted, because the damage exerts significant influence to the structural integrity.				
8. Number of aircraft affected, by mod Please contact to the manufact		ımber (World	wide)	
9. Is further action anticipated to be recommended compliance time. No further action is required.	necessary to correct this un	nsafe conditio	on? If so, please provide description and	
10. Other: None.				