

WPR18LA221 – TRGB Mx/Inspection Guidance

	MDHI		FAA		Aerometals	
	MDHI MM	SB DN-151	AD 88-17-09 R1	AD2002-13-05 R1	AMI-19_1	SB-001
Date		10/10/87	12/26/89	2/25/2003	7/21/2000	8/3/2000
Topic(s)	- TRGB install - Inspections	TRGB stud fail	TRGB stud fail	TRGB Bolt PNs & Thd lgth	PMA tail boom, new TRGB attach	TRGB Bolt PNs & Thd lgth
Applicability		369 D/E/F/FF w studs	369 D/E/F/FF w studs	Certain 369 Aerometal D/E/F/FF w bolts	369 D/E/FF w Aerometals tail boom	MD369 w "YH-220" or "YH-228" tail booms
Ref or XRef Doc	Top Doc		DN-151	AM SB-001	MDHI MM	YH-237
Initial Tq Check	- On install - On re-install	- Pt I Prior to next flt - Part II, Pre-flt - Part III, within 25 h - Part VI, each 100 h	- Prior to next flt - Within 25 h 100 h	25 h	On install	25 h
Repetitive Tq Chks Rqd?	100 h	100 h	25 h 100 h	NO	- Per MM 7300, 8300, 9300 hrs	NO
Tq Re-Check (2-10 hrs) Rqd?	YES (per Special Insp)	YES	YES: On indications of relative motion (SB Part III, a-j)	Until no bolt movement noted (Tq stripe)	2-10 h, Until no bolt movement noted (Tq stripe)	Until no bolt movement noted
Orig Tq (in-lb)	75 - 95 + drag (record)	75 – 95 (drag not mentioned for Pt I)	See DN-151	100-110	100-110	100-110
Re-chk Tq (in-lb)	75 - 95 + drag	95 +/-3, + drag	95 +/-3, + drag	100	100	100
Log Drag Tq?	Yes	Yes, use previously logged Drag Tq	Yes, use previously logged Drag Tq	Not addressed	Not addressed	Not addressed
Faying Sfc Paint	None allowed	None allowed	n/a	n/a	Not addressed	n/a
Wet Primer	Studs & Holes	Studs, holes, & faying sfc	n/a	n/a	Bolts only	n/a

MDHI 100–Hour or Annual Inspection: Check torque of mounting nuts

MDHI 300–Hour Inspection: Requires TRGB removal, thus re-do of initial Torque & 2-10 h checks

Red font indicates there are differences between MDHI MM, DN-151 and AD 88-17-09