Tail Rotor Control Rigging

Rigging Type (✓)

Harmonize (Adjustment)		Other Checks (Check Rig)	

Sheet No: _____

Aircraft Details

Serial Number	Mark	Date	Unit	Location	A/F Hours	SNOW

Rigging Plate Confirmation Check (✓)

All 4 TRH Rigging Plates are aligned correctly using TRH setting tool ASTE 1254 (Held within ASTE 1261) or ASTE 1257.

Found Correct	**Setting/Correction Required**	**SNOW of Setting/Correction**	

Supervisor's Details	
Rate/Rank & Name	
Service/ Employee Number	

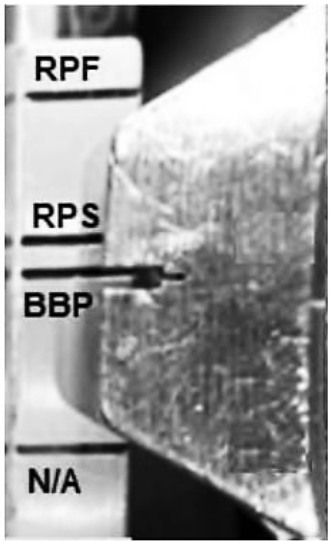
Tail Rotor - Basic Blade Pitch (BBP) Check using ASTE 1255 Clinometer Board (held within ASTE 1261)

Tail Rotor Blade	Found Angle (Allowed Range +0.2 to +0.4)	Pitch Change Rod Angle Adjustment Required (+/- 0.0)	Pitch Change Rod Actual Adjustment (Measured in +/- Flats)	Post Adjustment Angle (Range +0.2 to +0.4) (Aim for +0.3)	Check the BBP Alignment Mark is Within the Rigging Sight? (Y/N) (Example over page)
Red					
Blue					
Yellow					
White					

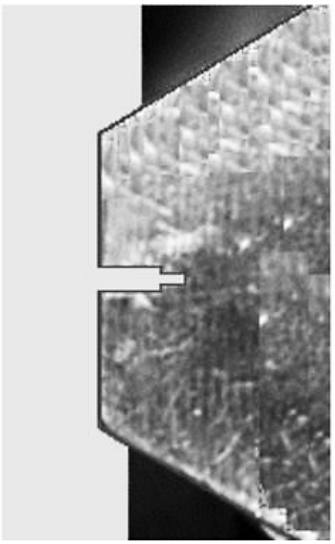
Record of Basic Blade Pitch (BBP)

It is possible the BBP alignment marking may not agree with the new clinometer rigged position, in all cases it is imperative you record an accurate visual representation of alignment markings post rigging. The charts below will then act as a valuable reference to achieve a successful rig when embarked.

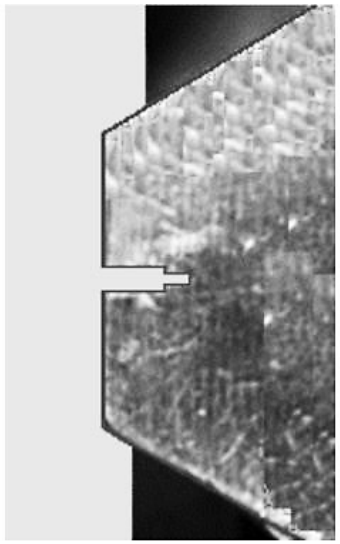
Example



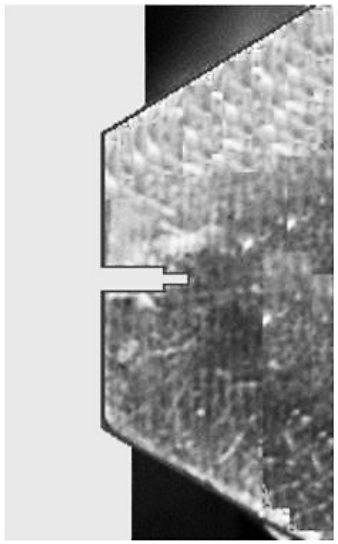
Red



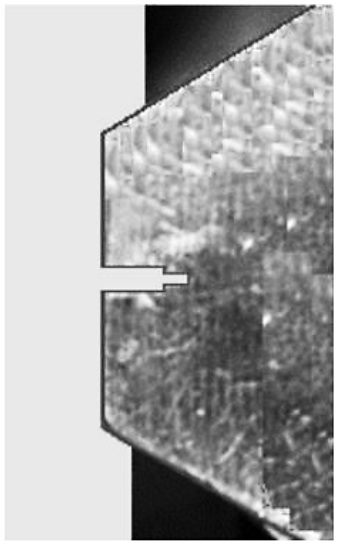
Blue



Yellow



White



Tail Rotor - Yaw Pylon/Pedal Stops Check using ASTE 1255 Clinometer Board (held within ASTE 1261)

Collective Lever Position	Yaw Pedal Position	Allowable Range	Found Angle (+/- 0.0)	Final Angle Post Adjustment (+/- 0.0)	Confirm the Stop Screw Touches the Stop Pad at Correct Pylon/Pedal Stop	Relevant Alignment Mark	Check the Relevant Alignment Mark is Within the Rigging Sight (Y/N)
MIn	RP Full Fwd	-8.5 and -9.5				RPF	
Max	RP Full Fwd	-0.9 and -1.9				RPS	
Min	LP Full Fwd	+16.7 and +17.7				LPS	
Max	LP Full Fwd	+27.0 and +28.0				RS	

Instructions for Use

Tail Rotor Control Rigging – MOD Form/Format 728(TRH)(Wildcat)

Insertion

d. The Sheet Number of a 'Harmonize (Adjustment)' shall be populated sequentially. The Sheet Number of an 'Other Checks (Check Rig)' shall be populated using the current 'Harmonize (Adjustment)' Sheet Number annotated with the letter **"C".**

Removal

2. The MOD Form/Format 728(TRH)(Wildcat) shall only be removed from the MOD Form 700C when a new MOD Form/Format 728(TRH)(Wildcat) 'Harmonize (Adjustment)' is inserted. The removed MOD Form/Format 728(TRH)(Wildcat) 'Harmonize (Adjustment)' shall be placed in the MOD Form 700A. Any associated 'Other Checks (Check Rig)' forms can now be destroyed.

Retention

3. A MOD Form/Format 728(TRH)(Wildcat) 'Harmonize (Adjustment)' shall be retained in the MOD Form 700A until a new MOD Form/Format 728(TRH)(Wildcat) 'Harmonize (Adjustment)' is inserted. Once it has been replaced it may be destroyed.