

Main Rotor Control Rigging

Rigging Type (✓)

Sheet No:_____

Harmonize (Adjustment)		Other Checks (Check Rig)	
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Aircraft Details

Serial No.					Mark	Date					Unit	Location	A/F Hours					SNOW			

Collective Minimum (Autorotation) Datum, Collective Full Range Checks and Cyclic Datums

Cyclic	Collective	A (Red)	B (Yellow)	C (Blue)	D (Black)	Collective = $\frac{A+B+C+D}{4}$	F & A = $\frac{C - A}{2}$	LAT = $\frac{D - B}{2}$
Central	Minimum							
	Maximum							
	Negative							
	40%							

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

Cyclic Fore-and-Aft Ranges

Collective	Cyclic	A (Red)	B (Yellow)	C (Blue)	D (Black)	FWD = $\frac{C - A}{2}$	AFT = $\frac{A - C}{2}$
40%	FWD						
	AFT						
Minimum	FWD						
	AFT						
Maximum	FWD						
	AFT						
Negative	FWD						
	AFT						

Cyclic Lateral Ranges

Collective	Cyclic	A (Red)	B (Yellow)	C (Blue)	D (Black)	Left = $\frac{D - B}{2}$	Right = $\frac{B - D}{2}$
Minimum	Left						
	Right						

Correction Figures (Post Tracking Adjustments)

[illegible]

Instructions for Use

Main Rotor Control Rigging - MOD Form/Format 728(MRH)(Wildcat)

Insertion

1. MOD Form/Format 728(MRH)(Wildcat) shall be inserted into every Aircraft MOD Form 700C.
 - a. The Supervisor conducting Main Rotor Control Rigging is responsible for full and accurate completion of the MOD Form/Format 728(MRH)(Wildcat) using data gathered whilst completing rigging iaw the Wildcat CIETP data modules.
 - b. A 'Harmonize (Adjustment)' is required post the adjustment of a component or if an adjustable item has been replaced. An 'Other Checks (Check Rig)' is used to confirm an Aircraft is correctly rigged and should not involve any adjustment to the flying control system.
 - c. If an 'Other Checks (Check Rig)' form has been completed, it is to be inserted in the MOD Form 700C immediately behind the 'Harmonize (Adjustment)'. Any previous 'Other Checks (Check Rig)' form can now be removed from the MOD Form 700C and destroyed.
 - 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(MRH)(Wildcat) shall only be removed from the MOD Form 700C when a new MOD Form/Format 728(MRH)(Wildcat) 'Harmonize (Adjustment)' is inserted. The removed MOD Form/Format 728(MRH)(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(MRH)(Wildcat) 'Harmonize (Adjustment)' shall be retained in the MOD Form 700A until a new MOD Form/Format 728(MRH)(Wildcat) 'Harmonize (Adjustment)' is inserted. Once it has been replaced it may be destroyed.