Main Rotor Control Rigging

(Revised Feb 22) PPQ = 50

Rigging Type (✓) Full Check Section 1.1											
	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 = A+B+C+D 4	F & A = <u>C - A</u> 2	LAT = <u>D - B</u> 2
	Minimum							
Control	Maximum							
Central	Negative							
	40%							

	Supervisor's Details
Name	
EXT No.	

Cyclic Fore-and-Aft Ranges

Collective	Cyclic	A (Red)	B (Yellow)	C (Blue)	D (Black)	FWD = <u>C - A</u> 2	AFT = <u>A - C</u> 2
40%	FWD						
4070	AFT						
Minimum	FWD						
Minimum	AFT						
Maximum	FWD						
Maximum	AFT						
Nogotivo	FWD						
Negative	AFT						

Cyclic Lateral Ranges

Collective	Cyclic	A (Red)	B (Yellow)	C (Blue)	D (Black)	Left = <u>D - B</u> 2	Right = $\frac{B - D}{2}$
Minimum	Left						
IVIII III IIII	Right						

Correction Figures (Post Tracking Adjustments)

SNOW			A (Red)	B (Yellow)	C (Blue)	D (Black)	Supervisor's Name

Instructions for Use

Main Rotor Control Rigging - MOD Form 728(Wildcat)

1. **General.** MOD Form 728(Wildcat) is used to record main rotor control full and check rigging procedures.

Note: A 'Full Rig' is required post the adjustment of a component or if an adjustable item has been disconnected. A 'Check Rig' is a check of a correctly rigged Aircraft that does not require any adjustment to the flying control system.

- 2. Insertion and Removal. MOD Forms 728(Wildcat) are to be inserted and removed iaw the instructions for non-controlled forms on MOD Form 799/1.
- 3. **Compilation.** A MOD Form 728(Wildcat) is to be raised by the rigging supervisor, completing:
 - Type of rig.
 - b. Aircraft details.
 - c. Rigging details.
 - d. The next sheet number in sequence.

Note: The form is to be completed iaw the relevant CIETP Ch 67 Rotors Flight Control data modules.

- 4. Retention and Disposal. When completed:
 - a. A new 'Full Rig' form is to be inserted in Section 7 of the MOD Form 700C and the existing 'Full Rig' and 'Check Rig' forms removed. The removed 'Full Rig' form is to be inserted in the MOD Form 700A (Aircraft Log Book Cover) replacing the stored 'Full Rig' and 'Check Rig' forms, which can now be destroyed.
 - b. A 'Check Rig' form is to be inserted in Section 7 of the MOD Form 700C. Any previous 'Check Rig' form is to be removed and inserted in the MOD Form 700A.