Maritime Helicopters

MARITIME HELICOPTERS

3520 FAA ROAD
HOMER, AK 99603

Telephone: (907) 235-7771

CONTINUOUS AIRWORTHINESS MAINTENANCE PROGRAM (CAMP)

ATTACHMENT A

RII TASK CARDS

RII TASK CARD LISTING

RII Task Card	DESCRIPTION
R29-10-03	TAIL ROTOR SERVO INSTALLATION
R53-10-10	AERODYNAMICALLY ACTUATED ELEVATOR
R62-00-00	MAIN ROTOR HUB INSTALLATION
R62-00-03	MAIN ROTOR SPINDLES INSTALLATION
R62-00-06	EXPANDABLE BLADE PIN ADJUSTMENT
R62-10-00	SWASHPLATE ASSEMBLY INSTALLATION
R62-10-02	COLLECTIVE FRICTION INSPECTION
R62-10-10	LOWER SERVO BOLT ALIGNMENT
R62-11-01	CYCLIC FRICTION ADJUSTMENT
R62-55-01	UNFOLDING MAIN ROTOR BLADES
R62-55-02	MAIN ROTOR BLADE INSTALLS
R63-00-15	TAIL ROTOR PITCH CHANGE LINK BEARING INSPECTION
R63-15-10	MAST ASSEMBLY INSTALLATION
R63-20-00	TRANSMISSION INSTALLATION
R63-20-11	ROTOR BRAKE QUILL INSTALLATION
R63-30-10	MAIN DRIVE SHAFT INSTALLATION
R64-10-00	TAIL ROTOR HUB ASSEMBLY INSTALLATION
R64-10-01	TAIL ROTOR RIGGING CHECK
R64-11-01	ANTI-TORQUE FRICTION ADJUSTMENT
R65-10-11	TAIL ROTOR DRIVE SHAFT INSTALL
R65-10-14	TAIL ROTOR HANGER BEARING REPLACEMENT
R65-11-01	TAIL ROTOR COUPLING INSPECTION AND REPACK
R65-15-10	42° GEARBOX INSTALL
R65-30-10	90° GEARBOX INSTALL
R67-10-17	MAIN ROTOR PITCH CHANGE LINKS INSTALLATION
R72-00-00	ENGINE INSTALL (TWIN PACK)
R72-20-30	TCU TORQUE LIMITING
R72-20-31	GOVERNOR INSTALLATION
R72-30-10	N1 RIGGING
R72-50-11	N2 RIGGING
R73-10-02	MAXIMUM NG TOPPING CHECK
R73-20-10	AFCU INSTALLATION
R73-20-11	MFCU INSTALLATION

ATA: **R29-10-03**
TYPE: **RII TASK CARD**
TASK: **Tail Rotor Servo Installation**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R29-10-03.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R29-10-03.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	If cylinder is a replacement, ensure that clevis installed in top of piston is adjusted so that the correct distance between bolt hole centerline and top of piston is obtained.		
R29-10-03.3	**INPROCESS INSPECTIONS**		
3.1	Ensure Trunnion Plates are installed/oriented properly.		
3.2	Verify torque of adjustable clevis locking nut.		
3.3	Verify Spacer is placed over bolt securing lower portion of servo to bellcrank.		

ATA: **R29-10-03**
TYPE: **RII TASK CARD**
TASK: **Tail Rotor Servo Installation**

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R29-10-03.4 POST TASK INSEPCTIONS		
4.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2 Verify;		
4.2.1 Torque of nuts		
4.2.2 Safety/cotter keys on nuts.		
4.2.3 All hydraulic lines on Tail Rotor Servo have been installed and torqued properly.		
4.2.4 Torque stripe have been applied to all lines and nuts after ensuring that they are properly torqued		
4.2.5 Hydraulic System has been re-serviced.		

ATA: **R29-10-03**
TYPE: **RII TASK CARD**
TASK: **Tail Rotor Servo Installation**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R53-10-10**
TYPE: **RII TASK CARD**
TASK: **Aerodynamically Actuated Elevator**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R53-10-10.1 GENERAL		
1.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2 Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R53-10-10.2 PRIOR TO STARTING TASK		
2.1 Verify any new parts used have correct paperwork.		
2.2 Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3 Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4 Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5 Verify that any new P/N used is compatible with aircraft S/N.		
2.6 Read the MM section describing the task.		
2.7 Ensure a POC required for adjustment or installation of elevator is entered in the aircraft Log Book.		
R53-10-10.3 INPROCESS INSPECTIONS		
3.1 Prior to installation of access panel;		
3.1.1 Confirm bolts have been installed and safety.		
3.1.2 Apply torque strip after bolts have been checked for torque. (this is not required on hardware that contains safety's)		

ATA: **R53-10-10**
TYPE: **RII TASK CARD**
TASK: **Aerodynamically Actuated Elevator**

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R53-10-10.4	**POST TASK INSEPCTIONS**		
4.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2	Check that elevator moves freely with no binding of spring. Check for excessive play in elevator horn shimming.	Bell MM Chapter 67	
4.3	Check access panel bolts for attachment and security.		

ATA: **R53-10-10**
TYPE: **RII TASK CARD**
TASK: **Aerodynamically Actuated Elevator**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O.

INITIALS	SIGNATURE	CERTIFICATE TYPE & NUMBER

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: R62-00-00
TYPE: RII TASK CARD
TASK: Main Rotor Hub Installation

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R62-00-00.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R62-00-00.2	**PRIOR TO STARTING TASK**		
	NOTE: It is assumed the MR Head assembly is being installed as a complete assembly with the droop stops installed.		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Verify POC is entered in logbook.		
2.8	Refer to P/C link RII task card.		
R62-00-00.3	**INPROCESS INSPECTIONS**		
3.1	Ensure proper bolt torqueing sequence is followed for lower cone seat and cap assembly.	Refer to MM	

ATA: **R62-00-00**
TYPE: **RII TASK CARD**
TASK: **Main Rotor Hub Installation**

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R62-00-00.4 POST TASK INSEPCTIONS		
4.1 Verify;		
4.1.1 Main rotor rigging of droop restraints are within limits.		
4.1.2 Main rotor droop restraint disengagement during first run up.		
4.1.3 Safety wire and cotter pins are installed.		
4.1.4 CPC is applied.		
4.1.5 Correct hardware is used.		
4.1.6 Sealant is applied.		
4.1.7 Lower cone seat vent is not covered with sealant.		
4.1.8 Torque checks are entered in log book.		
4.2 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		

ATA: **R62-00-00**
TYPE: **RII TASK CARD**
TASK: **Main Rotor Hub Installation**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R62-00-03**
TYPE: **RII TASK CARD**
TASK: **Main Rotor Spindles Installation**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R62-00-03.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R62-00-03.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Ensure a POC required is entered in log book for the replacement of MR spindles.		
2.8	Refer to Main Rotor Head task card if MR Head is removed.		
2.9	Refer to MR PC link task card.		
2.10	Refer to MR blade task card.		
2.11	Mark damper bridge locations for reinstallation prior to removal.		
2.12	Mark pendulum dampers position for reinstallation. (if removed)		
2.13	Mark droop restraints position for reinstallation prior to removal.		

ATA: R62-00-03
TYPE: RII TASK CARD
TASK: Main Rotor Spindles Installation

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R62-00-03.3 INPROCESS INSPECTIONS		
3.1 Verify;		
3.1.1 Pins in pivot bearings are properly seated in spindle.		
3.1.2 Pivot bearings are installed using wet primer.		
3.1.3 Pins are installed in the pitch horn to spindle.		
3.1.4 Pins in pivot bearings are properly seated in fitting.		
3.1.5 Damper sets SN's are matched.		
3.1.6 Shims are correct thickness.	TB 412-90-92	
3.1.7 Dampers are bonded in bridge.		
R62-00-03.4 POST TASK INSEPCTIONS		
4.1 Verify;		
4.1.1 Spindles are installed with blade bolt lock pin in the up position.		
4.1.2 The correct torque was used on;		
4.1.2.1 Hardware connecting pitch horn to spindle.		
4.1.2.2 Spindle to pivot bearings.		
4.1.2.3 Pivot bearings to yoke.		
4.1.2.4 Bridge damper to yoke.		
4.1.2.5 Damper to damper bearing.		
4.1.2.6 Pendulum damper to yoke.		
4.1.3 Droop stops are installed in correct location.		
4.1.4 Torque and safeties on droop stop dampers.		
4.1.5 Safeties are installed.		
4.1.6 Damper bridge is installed in correct locations as marked when removed.		
4.1.7 Pendulum dampers are installed in correct locations as marked when removed. (if removed)		

ATA: **R62-00-03**
TYPE: **RII TASK CARD**
TASK: **Main Rotor Spindles Installation**

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
4.2	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		

ATA: **R62-00-03**
TYPE: **RII TASK CARD**
TASK: **Main Rotor Spindles Installation**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R62-00-06**
TYPE: **RII TASK CARD**
TASK: **Expandable Blade Pin Adjustment**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R62-00-06.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R62-00-06.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Read the MM section describing the task Specific.		
2.8	Refer to ASB for procedures to this task.		
2.9	Verify part of ASB (25 hr torque check) is in log book.		
R62-00-06.3	**INPROCESS INSPECTIONS**		
3.1	Verify expandable bolt segments are installed in correct order.		
3.2	Verify bolt tension is adjusted correctly.		

ATA: **R62-00-06**
TYPE: **RII TASK CARD**
TASK: **Expandable Blade Pin Adjustment**

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R62-00-06.4 POST TASK INSEPCTIONS		
4.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2 Verify;		
4.2.1 Bolt is fully seated in Main Rotor head		
4.2.2 Bolt and handle is installed in correct position in Main Rotor head.		
4.2.3 Safety is installed in Main Rotor blade bolt handle.		

ATA: **R62-00-06**
TYPE: **RII TASK CARD**
TASK: **Expandable Blade Pin Adjustment**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O.

INITIALS	SIGNATURE	CERTIFICATE TYPE & NUMBER

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R62-10-00**
TYPE: **RII TASK CARD**
TASK: **Swashplate Assembly Installation**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R62-10-00.1 GENERAL		
1.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2 Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R62-10-00.2 PRIOR TO STARTING TASK		
NOTE: This task card assumes the swashplate, hub/sleeve assembly, and collective lever are installed as a single unit.		
2.1 Verify any new parts used have correct paperwork.		
2.2 Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3 Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4 Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5 Verify that any new P/N used is compatible with aircraft S/N.		
2.6 Read the MM section describing the task.		
2.7 Ensure a POC is entered in the aircraft Log Book.		
2.8 Refer to M/R P/C link RII task card		
R62-10-00.3 INPROCESS INSPECTIONS		
3.1 None.		

ATA: **R62-10-00**
TYPE: **RII TASK CARD**
TASK: **Swashplate Assembly Installation**

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R62-10-00.4 POST TASK INSEPCTIONS		
4.1 Verify;		
4.1.1 Bolts on swashplate support and boosted tubes from servos are properly torqued, safetied and installed in the correct positions.		
4.1.2 Proper hardware was used.		
4.1.3 Boots on boosted tubes are installed at the correct dimensions.		
4.1.4 Hub and sleeve boot is secure with space installed.		
4.2 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		

ATA: **R62-10-00**
TYPE: **RII TASK CARD**
TASK: **Swashplate Assembly Installation**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R62-10-02**
TYPE: **RII TASK CARD**
TASK: **Collective Friction Adjustment**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

MAINTENANCE ACTION		REFERENCE	RII INSPECTORS INITIALS
R62-10-02.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R62-10-02.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Check for POC entry in the discrepancy section of the log book for the maintenance task.		
2.8	Confirm the correct section of the MM is being used for the serial number of the AC.		
R62-10-02.3	**INPROCESS INSPECTIONS**		
3.1	Ensure all collective control bolts are installed and cotter pins and lockwire are installed, where applicable.		
R62-10-02.4	**POST TASK INSEPCTIONS**		
4.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2	Check all access panels for installation and security.		

ATA: **R62-10-02**
TYPE: **RII TASK CARD**
TASK: **Collective Friction Adjustment**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: R62-10-10
TYPE: RII TASK CARD
TASK: Lower Servo Bolt Alignment

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

MAINTENANCE ACTION		REFERENCE	RII INSPECTORS INITIALS
R62-10-10.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R62-10-10.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
R62-10-10.3	**INPROCESS INSPECTIONS**		
3.1	With lower servo piston rod bolt removed, verify that there are no side loads present on lower piston rod where it aligns with bolt hole. Piston rod must be able to travel freely, up and down without any pressure, forcing, binding, or bending of piston rod in for, aft, left or right direction. If alignment adjustments are made to servo comply with steps 2-4 of this section.		
3.2	Verify:		
3.2.1	Torque Bearing Nut has been torqued 900-1100 inch-pounds		
3.2.2	Torque Jam Nut has been torqued 900-1100 inch-pounds.		
3.2.3	Both Torque Nuts have been properly secured with lockwire to the keyed washer.		

ATA: **R62-10-10**
TYPE: **RII TASK CARD**
TASK: **Lower Servo Bolt Alignment**

MAINTENANCE ACTION		REFERENCE	RII INSPECTORS INITIALS
R62-10-10.4	**POST TASK INSEPCTIONS**		
4.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2	Ensure lower servo bolt has been installed and torqued 95-100 in-lbs.		
4.3	Verify cotter key is installed in lower servo bolt.		

ATA: **R62-10-10**
TYPE: **RII TASK CARD**
TASK: **Lower Servo Bolt Alignment**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R62-11-01**
TYPE: **RII TASK CARD**
TASK: **Cyclic Friction Adjustment**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R62-11-01.1 GENERAL		
1.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2 Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R62-11-01.2 PRIOR TO STARTING TASK		
2.1 Verify any new parts used have correct paperwork.		
2.2 Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3 Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4 Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5 Verify that any new P/N used is compatible with aircraft S/N.		
2.6 Read the MM section describing the task.		
2.7 Verify;		
2.7.1 Cyclic Friction Nut on cyclic stick is loosened completely, (Rotated counter-clockwise fully) before friction force measurement is observed.		
2.7.2 Force Trim is turned off.		
R62-11-01.3 INPROCESS INSPECTIONS		
3.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		

ATA: **R62-11-01**
TYPE: **RII TASK CARD**
TASK: **Cyclic Friction Adjustment**

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
3.2 Verify;		
3.2.1 Cyclic fore/aft breakout force measurement of .50-1.0 lbs.		
3.2.2 Cyclic lateral cyclic breakout force measurement of .50-1.0 lbs.		
R62-11-01.4 POST TASK INSEPCTIONS		
4.1 Verify;		
4.1.1 Friction clamp halves on cyclic stick are equally spaced		
4.1.2 With Force Trim on observe cyclic fore/aft breakout force of 2.25-2.75lbs.		
4.1.3 Force Trim on observe cyclic lateral breakout force of .50-2.00 lbs.		

ATA: **R62-11-01**
TYPE: **RII TASK CARD**
TASK: **Cyclic Friction Adjustment**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R62-55-01**
TYPE: **RII TASK CARD**
TASK: **Unfolding Main Rotor Blades**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R62-55-01.1 GENERAL		
1.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2 Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R62-55-01.2 PRIOR TO STARTING TASK		
2.1 Verify any new parts used have correct paperwork.		
2.2 Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3 Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4 Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5 Verify that any new P/N used is compatible with aircraft S/N.		
2.6 Read the MM section describing the task.		
R62-55-01.3 INPROCESS INSPECTIONS		
3.1 None.		
R62-55-01.4 POST TASK INSEPCTIONS		
4.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2 Verify;		
4.2.1 Blade bolts are color coded to the Main Rotor blades they are installed in.		
4.2.2 Spring clip is seated over the tension adjustment nut and secured with the safety pin.		

ATA: **R62-55-01**
TYPE: **RII TASK CARD**
TASK: **Unfolding Main Rotor Blades**

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
4.2.3	Blade racks are removed. (if used)		
4.2.4	Droop restraint tube, locking pins, spindle pins, and blade locks are removed from top of helicopter. (if used)		
4.3	If droop restraint tube is used confirm Main Rotor Pitch Change links are reinstalled. Verify torque and safety.		

ATA: **R62-55-01**
TYPE: **RII TASK CARD**
TASK: **Unfolding Main Rotor Blades**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R62-55-01**
TYPE: **RII TASK CARD**
TASK: **Main Rotor Blade Installs**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

MAINTENANCE ACTION		REFERENCE	RII INSPECTORS INITIALS
R62-55-01.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R62-55-01.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Ensure POC required for the installation of Main Rotor Blades in aircraft Log Book.		
2.8	Mark Main Rotor blade locations for reinstallation prior to removal.		
2.9	Mark Main Rotor blade bolts position for reinstallation. (if removed)		
R62-55-01.3	**INPROCESS INSPECTIONS**		
3.1	None		
R62-55-01.4	**POST TASK INSEPCTIONS**		
4.1	Verify:		
4.1.1	Blades are installed in correct location.		
4.1.2	Blade bolts are installed in correct locations		

ATA: **R62-55-01**
TYPE: **RII TASK CARD**
TASK: **Main Rotor Blade Installs**

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
4.1.3	The correct torque was used on MR blade bolts		
4.1.4	Lock is installed, nut torqued, and safety installed on non-expandable blade bolt.		
4.1.5	Lock is installed on expandable blade bolt and handle engages nut.		

ATA: **R62-55-01**
TYPE: **RII TASK CARD**
TASK: **Main Rotor Blade Installs**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R63-00-15**
TYPE: **RII TASK CARD**
TASK: **Tail Rotor Pitch Change Bearing Inspection**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R63-00-15.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R63-00-15.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Check for POC entry in the discrepancy section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description stating what POC procedure is due. Aircraft TT. Date. Signature. A&P number.		
R63-00-15.3	**INPROCESS INSPECTIONS**		
3.1	Inspect pitch change bearing nut for safety prior to reinstallation of the bearing retainer IAW MM.		
R63-00-15.4	**POST TASK INSEPCTIONS**		
4.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2	Confirm retainer is torque, the retainer lock is installed and lock screws are safety IAW MM.		

ATA: **R63-00-15**
TYPE: **RII TASK CARD**
TASK: **Tail Rotor Pitch Change Bearing Inspection**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R63-15-10**
TYPE: **RII TASK CARD**
TASK: **Mast Assembly Installation**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R63-15-10.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R63-15-10.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Check POC entered in logbook.		
2.8	Verify dimensional check of transmission to prevent damage to upper planetary assy.		
2.9	Refer to swashplate, M/R hub, P/C rod RII task cards for further reference.		
R63-15-10.3	**INPROCESS INSPECTIONS**		
3.1	Verify cotter pins are installed correctly on the lower mast nut.	Refer to MM	
3.2	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		

ATA: **R63-15-10**
TYPE: **RII TASK CARD**
TASK: **Mast Assembly Installation**

MAINTENANCE ACTION		REFERENCE	RII INSPECTORS INITIALS
R63-15-10.4	**POST TASK INSEPCTIONS**		
4.1	Ensure leak check entered in logbook.		
4.2	If applicable install monopole sensor assy.		
4.3	Rotate transmission input quill to ensure of no binding or unusual noise.		
4.4	Ensure oil jet hose is connected.		

ATA: **R63-15-10**
TYPE: **RII TASK CARD**
TASK: **Mast Assembly Installation**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R63-20-00**
TYPE: **RII TASK CARD**
TASK: **Transmission Install**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R63-20-00.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R63-20-00.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Ensure a POC in entered in Log Book for installation of transmission.		
2.8	Verify:		
2.8.1	Condition of isolation mounts and/or dampers have been checked.		
2.8.2	Transmission run-in procedures are entered in logbook. (if required)		
2.8.3	Leak check is entered in log book.		
2.9	Refer to:		
2.9.1	Tail Rotor Drive Shaft RII task card for installation of TRDS.		
2.9.2	Main Driveshaft RII task card for installation of main driveshaft.		

ATA: **R63-20-00**
TYPE: **RII TASK CARD**
TASK: **Transmission Install**

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
2.9.3 Main Rotor Hub RII task card for installation of main rotor		
2.9.4 Swashplate RII task card for installation of Swashplate.		
2.9.5 Mast Assembly RII task card for installation of mast Assembly		
2.9.6 Rotor brake quill RII task cars for installation of rotor brake quill.		
R63-20-00.3 INPROCESS INSPECTIONS		
3.1 Verify lift link is installed with proper hardware, properly torqued and cotter pined. Check that bevel washers are installed in the correct position.		
R63-20-00.4 POST TASK INSEPCTIONS		
4.1 Verify;		
4.1.1 Preservative oil is drained. (If required) and transmission is properly serviced with oil.		
4.1.2 Electrical harness is properly installed.		
4.1.3 Mount “candle sticks” are properly torqued. (with correct hardware)		
4.1.4 Hoses and lines are properly installed.		
4.1.5 Oil lines and coolers have been cleaned if there has been metal contamination in transmission oil system		
4.1.6 1 and #2 hydraulic pumps, their hoses and connecters are properly installed.		
4.1.7 BHVM sensors are installed.		
4.1.8 Tanis heater pads are installed.		
4.2 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		

ATA: **R63-20-00**
TYPE: **RII TASK CARD**
TASK: **Transmission Install**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R63-20-11**
TYPE: **RII TASK CARD**
TASK: **Rotor Brake Quill Installation**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R63-20-11.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R63-20-11.2	**PRIOR TO STARTING TASK**		
	NOTE: This task card assumes the quill is being installed with the rotor disc attached and safetied.		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Ensure a POC entered in logbook.		
2.8	Ensure a leak check entered in logbook.		
R63-20-11.3	**INPROCESS INSPECTIONS**		
3.1	Verify;		
3.1.1	Packing is installed on quill prior to installation in transmission.		
3.1.2	Correct pinion is installed in Quill.	Refer to "caution" in MM	
3.1.3	Bolts holding disc on are torqued. (if disc was removed)		

ATA: **R63-20-11**
TYPE: **RII TASK CARD**
TASK: **Rotor Brake Quill Installation**

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R63-20-11.4 POST TASK INSEPCTIONS		
4.1 Verify;		
4.1.1 Leak check is accomplished. (on quill and rotor brake calipers)		
4.1.2 Rotor brake assembly and disk are properly installed, lock wired and sealed.		
4.1.3 Freedom of rotation and backlash.		
4.1.4 Four bolts holding disk on are safetied. (if disk was removed)		
4.1.5 A Torque check has been entered in the aircraft Log Book.		
4.2 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		

ATA: **R63-20-11**
TYPE: **RII TASK CARD**
TASK: **Rotor Brake Quill Installation**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R63-30-10**
TYPE: **RII TASK CARD**
TASK: **Main Drive Shaft Installation**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

MAINTENANCE ACTION		REFERENCE	RII INSPECTORS INITIALS
R63-30-10.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R63-30-10.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	POC is required for installation of main drive shaft. Verify entry in log book.		
2.8	Leak check is required for installation of main driveshaft. Verify entry in log book.		
2.9	Verify couplings are lubricated. Refer to paperwork.		
2.10	Verify grease is within expiration date. Refer to paperwork.		
R63-30-10.3	**INPROCESS INSPECTIONS**		
3.1	Verify;		
3.1.1	Correct torque sequence is used.		
3.1.2	Correct torque is used.		

ATA: **R63-30-10**
TYPE: **RII TASK CARD**
TASK: **Main Drive Shaft Installation**

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R63-30-10.4	**POST TASK INSEPCTIONS**		
4.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2	Verify the temp indicators have no indications after POC.		

ATA: **R63-30-10**
TYPE: **RII TASK CARD**
TASK: **Main Drive Shaft Installation**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R64-10-00**
TYPE: **RII TASK CARD**
TASK: **Tail Rotor Hub Assembly Installation**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

MAINTENANCE ACTION		REFERENCE	RII INSPECTORS INITIALS
R64-10-00.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R64-10-00.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	POC is required for the installation of the TR and Hub assembly.		
2.8	Verify post installation torque check has been entered into aircraft Log Book.		
R64-10-00.3	**INPROCESS INSPECTIONS**		
3.1	Verify;		
3.1.1	Cone seat is installed correctly.		
3.1.2	TR retention nut is torque correctly and safety.		
3.1.3	Special washer is installed in correct direction in crosshead.		
3.1.4	TR crosshead bearing was greased prior to install.		
3.1.5	TR crosshead bearing nut is torque and safety.		

ATA: **R64-10-00**
TYPE: **RII TASK CARD**
TASK: **Tail Rotor Hub Assembly Installation**

MAINTENANCE ACTION		REFERENCE	RII INSPECTORS INITIALS
3.1.6	Retainer is torqued.		
3.1.7	Crosshead bearing was not over greased.		
R64-10-00.4	**POST TASK INSEPCTIONS**		
4.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2	Verify;		
4.2.1	Retainer lock is installed safety and deformed in the correct locations.		
4.2.2	Pitch horn bolts are torqued.		
4.2.3	Pitch horn bolt washers are installed correctly.		
4.2.4	Blade bolts are torqued.		
4.2.5	Pitch link bolts are safety.		
4.2.6	Counterweight nuts are used only once. Verify torque and safety.		
4.2.7	Counterweight links are properly torque and safety.		
4.2.8	Rigging check was performed.		

ATA: **R64-10-00**
TYPE: **RII TASK CARD**
TASK: **Tail Rotor Hub Assembly Installation**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R64-10-01**
TYPE: **RII TASK CARD**
TASK: **TR rigging check**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

MAINTENANCE ACTION		REFERENCE	RII INSPECTORS INITIALS
R64-10-01.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R64-10-01.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Verify;		
2.7.1	This RII card is not for use on 412EP helicopters		
2.7.2	A POC is required if any adjustment is made to the TR rigging and that it is entered into the aircraft Log Book.		
2.7.3	This card is written assuming you do not have access to hydraulic power cart. Refer to MM if hydraulic cart is used.		
2.7.4	Verify stops on bell crank below Tail Rotor servo are retracted completely prior to start.		
2.7.5	Verify the length of series actuator when centered prior to rigging procedure.		
2.7.6	Refer to Tail Rotor fiction RII task card		

ATA: R64-10-01
TYPE: RII TASK CARD
TASK: TR rigging check

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R64-10-01.3 INPROCESS INSPECTIONS		
3.1 Verify;		
3.1.1 The rod end thread exposure is within limits on any control rod adjusted.		
3.1.2 Rod end jam nuts are properly torqued on any control rod adjusted.		
3.1.3 Control rods are free to rotate several degrees about the longitudinal axis on any control rod adjusted.		
3.1.4 Control rod between pilot and copilot pedal adjuster is the correct length.		
3.1.5 Clearance between link and bell crank below TRGB.		
3.1.6 Control tube below engine CBOX is adjusted correctly.		
3.1.7 Stops on bell crank below servo are adjusted correctly.		
3.1.8 Clearance between TR blade and flap stop.		
3.1.9 Anti torque magnetic brake arm is installed correctly.		
3.1.10 Force gradient to pilot pedal adjuster is adjusted correctly.		
3.1.11 Clearance of force gradient while moving the pedals stop to stop.		
3.1.12 CMT transducers are adjusted to the correct length.		
R64-10-01.4 POST TASK INSPECTIONS		
4.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2 Verify;		
4.2.1 Force gradient and transducer at the pilots pedal adjuster		
4.2.2 Control tube at copilots pedal adjuster		
4.2.3 Control tube at bell crank below the CBOX		
4.2.4 Link at TRGB		
4.2.5 PC link		

ATA: **R64-10-01**
TYPE: **RII TASK CARD**
TASK: **TR rigging check**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O.

INITIALS	**SIGNATURE**	**RII INSPECTOR CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R64-11-01**
TYPE: **RII TASK CARD**
TASK: **Anti-Torque Friction Adjustment**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R64-11-01.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R64-11-01.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Verify that the Anti-Torque Force Gradient has been disconnected at the pilot side TR pedal assembly.		
R64-11-01.3	**INPROCESS INSPECTIONS**		
3.1	Verify friction force of 4.25 to 4.75 pounds, measured at TR pedals, when pedals are moved through the neutral position.		
3.2	Ensure full travel of TR Pedals can be achieved without binding or interference after any adjustments.		

ATA: **R64-11-01**
TYPE: **RII TASK CARD**
TASK: **Anti-Torque Friction Adjustment**

MAINTENANCE ACTION		REFERENCE	RII INSPECTORS INITIALS
R64-11-01.4	**POST TASK INSEPCTIONS**		
4.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2	Ensure Force Gradient has been re-installed, torqued and safetied.		
4.3	Ensure lower access panel on bottom of aircraft is properly re-installed.		
4.4	A POC Log Book entry is required if an adjustment is made to the Tail Rotor friction.		

ATA: **R64-11-01**
TYPE: **RII TASK CARD**
TASK: **Anti-Torque Friction Adjustment**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R65-10-11**
TYPE: **RII TASK CARD**
TASK: **Tail Rotor Drive Shaft Install**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R65-10-11.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R65-10-11.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	POC is required for installation of Tail Rotor Drive Shaft.		
R65-10-11.3	**INPROCESS INSPECTIONS**		
3.1	Verify clamp halves are a matched set by serial number or weight.	Refer to MM	
3.2	Verify correct torque sequence is used on clamp bolts.	Refer to MM	
R65-10-11.4	**POST TASK INSEPCTIONS**		
4.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		

ATA: **R65-10-11**
TYPE: **RII TASK CARD**
TASK: **Tail Rotor Drive Shaft Install**

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
4.2 Verify;		
4.2.1 Bolt heads are installed in direction of rotation.		
4.2.2 Clamp set is indexed properly.	Refer to MM	
4.2.3 Clamp gap.	Refer to MM	

ATA: **R65-10-11**
TYPE: **RII TASK CARD**
TASK: **Tail Rotor Drive Shaft Install**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: R65-10-14
TYPE: RII TASK CARD
TASK: Tail Rotor Hanger Bearing Replacement

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R65-10-14.1 GENERAL		
1.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2 Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R65-10-14.2 PRIOR TO STARTING TASK		
2.1 Verify any new parts used have correct paperwork.		
2.2 Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3 Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4 Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5 Verify that any new P/N used is compatible with aircraft S/N.		
2.6 Read the MM section describing the task.		
2.7 Verify;		
2.7.1 Bearing and couplings are lubricated. Refer to paperwork.		
2.7.2 Grease is not expired. Refer to paperwork.		
2.7.3 Leak check is entered in log book		
R65-10-14.3 INPROCESS INSPECTIONS		
3.1 Verify;		
3.1.1 Correct washers are installed between brace and support. (number 1 hanger only)		
3.1.2 Length of bolts.	Refer to MM	
3.1.3 Correct washer stack up under bolt head.	Refer to MM	
3.1.4 Proper torque was used for bolts.		

ATA: R65-10-14
TYPE: RII TASK CARD
TASK: Tail Rotor Hanger Bearing Replacement

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R65-10-14.4 POST TASK INSEPCTIONS		
4.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2 Verify;		
4.2.1 Flexible coupling is forward.		
4.2.2 Correct ground run in procedure was complied with.		
4.2.3 Temp indicators for bearing and coupling have no indications after ground run.		
4.3 Refer to RII task card for TR DS install.		

ATA: **R65-10-14**
TYPE: **RII TASK CARD**
TASK: **Tail Rotor Hanger Bearing Replacement**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: R65-11-01
TYPE: RII TASK CARD
TASK: Tail Rotor Coupling Inspection and Repack

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

MAINTENANCE ACTION		REFERENCE	RII INSPECTORS INITIALS
R65-11-01.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R65-11-01.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Leak check is required for repack of TRDS couplings. Verify entry in log book.		
2.8	Verify grease is within expiration date.		
2.9	This task card assumes couplings were greased without removal of gearbox quills.		
R65-11-01.3	**INPROCESS INSPECTIONS**		
3.1	If seal was removed verify new seal is fully seated in groove.		
3.2	If inner coupling was removed verify correct length coupling was installed for the position the coupling is installed in TRDS system.		

ATA: R65-11-01
TYPE: RII TASK CARD
TASK: Tail Rotor Coupling Inspection and Repack

MAINTENANCE ACTION		REFERENCE	RII INSPECTORS INITIALS
3.3	Verify;		
3.3.1	Correct amount of grease is used in each coupling.		
3.3.2	Bolt or nut is installed correctly. (if removed)		
3.3.3	Bolt or nut has correct torque. (if removed)		
3.3.4	Bolt or nut has safety. (if removed)		
3.3.5	Correct spring is used for the position the coupling is installed in TRDS system.		
3.3.6	Snap ring is fully seated in groove.		
R65-11-01.4	**POST TASK INSEPCTIONS**		
4.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2	Verify the temp indicators have no indications after leak check.		
4.3	Refer to Tail Rotor Drive Shaft installation RII task card for installation of the tail rotor driveshafts.		
4.4	Refer to Tail Rotor Drive Shaft hanger RII card for installation of hanger assemblies. (if removed)		

ATA: **R65-11-01**
TYPE: **RII TASK CARD**
TASK: **Tail Rotor Coupling Inspection and Repack**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R65-15-10**
TYPE: **RII TASK CARD**
TASK: **42° Gearbox Install**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R65-15-10.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R65-15-10.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Verify;		
2.7.1	A POC has been entered in aircraft Log Book for installation of 42° gearbox.		
2.7.2	A post installation torque check has been entered in aircraft Log Book.		
2.7.3	A leak check has been entered in aircraft Log Book.		
2.7.4	Flex couplings are lubricated.		
2.7.5	Grease is not expired.		
2.7.6	Backlash and absence of binding of input and output quill.	Refer to MM	
2.7.7	Oil was flushed if GB was preserved.		

ATA: **R65-15-10**
TYPE: **RII TASK CARD**
TASK: **42° Gearbox Install**

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
2.7.8 Shims are bonded to tailboom structure.		
2.8 Refer to Tail Rotor Drive Shaft RII task card for installation of Tail Rotor Drive Shaft.		
R65-15-10.3 INPROCESS INSPECTIONS		
3.1 Verify;		
3.1.1 GB mounting flange gaps.	Refer to MM	
3.1.2 Bolt length is correct		
3.1.3 Bolt grip bottom test is CW.	Refer to MM	
3.1.4 Washer stack up is correct.	Refer to MM	
3.1.5 Proper torque of bolts.		
R65-15-10.4 POST TASK INSEPCTIONS		
4.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2 Verify;		
4.2.1 Gear box is properly serviced.		
4.2.2 Correct run in procedure was done during the POC.		
4.2.3 Temp indicators have no indications after POC.		

ATA: **R65-15-10**
TYPE: **RII TASK CARD**
TASK: **42° Gearbox Install**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R65-30-10**
TYPE: **RII TASK CARD**
TASK: **90° Gearbox Install**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

MAINTENANCE ACTION		REFERENCE	RII INSPECTORS INITIALS
R65-30-10.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R65-30-10.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Verify;		
2.7.1	POC required for installation of 90° gearbox is entered in aircraft Log Book.		
2.7.2	Post installation torque check is in logbook.		
2.7.3	Leak check is entered in log book.		
2.7.4	Flex couplings are lubricated. (Refer to Paperwork)		
2.7.5	Grease is not expired. (Refer to Paperwork)		
2.7.6	Backlash and absence of binding of input quill.	Refer to MM.	
2.7.7	Oil was flushed if GB was preserved.		

ATA: R65-30-10
TYPE: RII TASK CARD
TASK: 90° Gearbox Install

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
2.8 Refer to RII task card for installation of Tail Rotor Drive Shaft.		
R65-30-10.3 INPROCESS INSPECTIONS		
3.1 Verify;		
3.1.1 Mounting flange is free of sealant.		
3.1.2 Correct torque procedure is used.		
3.1.3 Proper torque of bolts.		
3.1.4 Correct thread length of stud through nut.		
3.1.5 Gap between shim and input quill is correct.		
3.1.6 TR pitch change mechanism washer stack up is correct.		
3.1.7 TR pitch change mechanism torque is correct.		
3.1.8 TR pitch change mechanism hardware is safety.		
R65-30-10.4 POST TASK INSEPCTIONS		
4.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2 Verify;		
4.2.1 Gear box is properly serviced.		
4.2.2 Correct run in procedure was done during the POC.		
4.2.3 Temp indicators have no indications after POC.		

ATA: **R65-30-10**
TYPE: **RII TASK CARD**
TASK: **90° Gearbox Install**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R67-10-17**
TYPE: **RII TASK CARD**
TASK: **Main Rotor Pitch Change Links Installation**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

MAINTENANCE ACTION		REFERENCE	RII INSPECTORS INITIALS
R67-10-17.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R67-10-17.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
R67-10-17.3	**INPROCESS INSPECTIONS**		
3.1	None		
R67-10-17.4	**POST TASK INSEPCTIONS**		
4.1	Verify;		
4.1.1	PC links are installed in correct location.		
4.1.2	PC link rod ends thread minimum engagement is correct.		
4.1.3	Bolt heads are installed in the direction of rotation.		
4.1.4	Correct toque on hardware.		

ATA: **R67-10-17**
TYPE: **RII TASK CARD**
TASK: **Main Rotor Pitch Change Links Installation**

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
4.1.5	Bushings are installed in correct locations.		
4.1.6	Rod end anti rotation pin is engaged to bracket.		
4.1.7	Upper rod end is centered in PC link.		
4.1.8	All safeties.		

ATA: **R67-10-17**
TYPE: **RII TASK CARD**
TASK: **Main Rotor Pitch Change Links Installation**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R72-00-00**
TYPE: **RII TASK CARD**
TASK: **Engine Installation (Twin Pack)**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

MAINTENANCE ACTION		REFERENCE	RII INSPECTORS INITIALS
R72-00-00.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R72-00-00.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Verify POC is entered in Log Book.		
2.8	Refer to AFCU, MFCU, governor, main driveshaft, N1 rigging, N2 rigging, NG topping, TCU limiting task cards.		
R72-00-00.3	**INPROCESS INSPECTIONS**		
3.1	Inspect inside air box for loose hardware and FOD.		
3.2	Verify;		
3.2.1	Proper torque was used on forward engine mounts and check for safeties.		
3.2.2	All tubing, hoses, electrical, and clamping is secured and safeties on front of accessory gearbox.		
3.2.3	Fire detector "cigarettes" are installed in fire detector harness connectors.		

ATA: **R72-00-00**
TYPE: **RII TASK CARD**
TASK: **Engine Installation (Twin Pack)**

MAINTENANCE ACTION		REFERENCE	RII INSPECTORS INITIALS
3.2.4	Oil filters are installed.		
3.2.5	Filters are installed.		
3.2.6	P3 filters are installed. Qty 2 (alternate Qty 2)		
R72-00-00.4	**POST TASK INSEPCTIONS**		
4.1	Verify;		
4.1.1	Oil cooler blower boots are installed correctly.		
4.1.2	All tubing, hoses, electrical, and clamping is secured and safeties on reduction gearbox. Pay particular attention to electrical connectors above the driveshaft.		
4.1.3	Proper torque and safeties on rear engine mounts.		
4.1.4	N2 control rod hardware is torqued and safeties.		
4.1.5	All tubing, hoses, electrical, and clamping is secured and safeties on power sections.		
4.1.6	Calibration of the torque transmitter system is complied with.		
4.1.7	Internal thermocouple resistance check was complied with.		
4.1.8	Igniters have been tested for operation.		
4.1.9	Firewalls and firewall seals are properly aligned.		
4.1.10	All firewalls for loose or missing hardware.		
4.1.11	Engine and reduction gearbox is properly serviced.		
4.1.12	Bonding straps are properly installed.		
4.1.13	Starter generator cables and v bands for proper torque and safeties.		
4.1.14	N1 control rod hardware is torqued and safeties.		
4.1.15	The N1 control tube boot is secure.		
4.1.16	Control tube has clearance throughout the entire range of operation.		
4.1.17	Tannis heater pads are installed. Pay particular attention to the FCU vent holes to ensure they were not covered by the pad.		

ATA: **R72-00-00**
TYPE: **RII TASK CARD**
TASK: **Engine Installation (Twin Pack)**

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
4.1.18	Lock wire and cotter pins are properly installed.		
4.1.19	HUMMS sensors are installed.		
4.1.20	Ejectors and cowlings are properly installed.		
4.1.21	All checks in Pratt and Whitney “Checks after component repair or replacement” table have been complied with on all components that have been removed including power section.		
4.1.22	Leak check is complied with.		
4.1.23	SCC’s are complied with for all related components.		
4.2	Check inlets for FOD.		
4.3	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		

ATA: **R72-00-00**
TYPE: **RII TASK CARD**
TASK: **Engine Installation (Twin Pack)**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R72-20-30**
TYPE: **RII TASK CARD**
TASK: **TCU Torque Limiting**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R72-20-30.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R72-20-30.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Discuss with the technician to determine if the TCU check will be done on the ground or in flight.		
2.8	If TCU check is to be done in flight confirm TCU setting screw is adjusted to the test setting.		
2.9	Confirm the correct section of the MM is being used for the serial number of the aircraft.		
2.10	Confirm the correct section of the MM is being used for the type of TCU installed.		
2.11	Check for POC entry in the discrepancy section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description stating what POC procedure is due. Aircraft TT. Date. Signature. A&P number.		
2.12	Refer to checks after component replacement table in PW MM.		

ATA: **R72-20-30**
TYPE: **RII TASK CARD**
TASK: **TCU Torque Limiting**

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R72-20-30.3	**INPROCESS INSPECTIONS**		
3.1	Confirm proper table is being used for pressure gauges.		
R72-20-30.4	**POST TASK INSEPCTIONS**		
4.1	Check for entry in the corrective action section of the log book for the check. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2	Check that all lines removed during the check are reconnected and re safety.		
4.3	Apply torque stripe to all lines after the torque has been checked (not required if safety wired).		
4.4	If applicable re safety the adjustment dome. (only certain models of TCU)		
4.5	If TCU was checked in flight confirm the final adjustment was made to TCU setting screw. (after flight)		

ATA: **R72-20-30**
TYPE: **RII TASK CARD**
TASK: **TCU Torque Limiting**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R R72-20-31**
TYPE: **RII TASK CARD**
TASK: **Governor Installation**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R R72-20-31.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R R72-20-31.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	A POC is required for replacement of the governor. Refer to checks after component replacement table in PW MM.		
R R72-20-31.3	**INPROCESS INSPECTIONS**		
3.1	Verify coupling installation in Combining Gearbox.		
R R72-20-31.4	**POST TASK INSEPCTIONS**		
4.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		

ATA: **R R72-20-31**
TYPE: **RII TASK CARD**
TASK: **Governor Installation**

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
4.2 Verify:		
4.2.1 Nuts are torqued.		
4.2.2 Safeties on all air lines.		
4.2.3 Min and Max stops are set correctly.		
4.3 Refer to N2 rigging Task card.		

ATA: **R R72-20-31**
TYPE: **RII TASK CARD**
TASK: **Governor Installation**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: R72-30-10
TYPE: RII TASK CARD
TASK: N1 Rigging

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R72-30-10.1 GENERAL		
1.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2 Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R72-30-10.2 PRIOR TO STARTING TASK		
2.1 Verify any new parts used have correct paperwork.		
2.2 Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3 Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4 Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5 Verify that any new P/N used is compatible with aircraft S/N.		
2.6 Read the MM section describing the task.		
2.7 An POC is required for adjustment of the throttles.		
R72-30-10.3 INPROCESS INSPECTIONS		
3.1 Verify;		
3.1.1 Control tube rod ends have not exceeded the maximum exposed thread lengths.		
3.1.2 Safeties are installed in all locations.		
3.1.3 Correct torque was used on control tube jam nuts.		
3.1.4 Control tube rod ends are adjusted so both ends are centered on bellcranks allowing the maximum rotation of the control tube.		
3.1.5 Collective flex shaft to gear selector has proper engagement (pilot and copilot. Number one and two throttles).		

ATA: R72-30-10
TYPE: RII TASK CARD
TASK: N1 Rigging

MAINTENANCE ACTION		REFERENCE	RII INSPECTORS INITIALS
3.1.6	Pilot and co pilot throttles hit the collective lever stops at the same time.		
3.1.7	Number 1 and 2 FCU levers are positioned correctly on the shaft.		
3.1.8	Correct torque on nut of FCU lever if adjusted.		
3.1.9	Correct gap of fuel control interconnect.		
R72-30-10.4	**POST TASK INSEPCTIONS**		
4.1	Verify;		
4.1.1	Smooth operation of the throttles through the entire range.		
4.1.2	Idle speeds are correct.		
4.1.3	Tube clearance in the area of the FCU tubing.		
4.1.4	Throttle cushions are the correct amount.		
4.1.5	Both throttles rotate approx the same degrees from stop to stop.		
4.1.6	FCU stops hit prior to collective lever stops.		
4.1.7	Cushions are equal on full open and full closed positions.		
4.2	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		

ATA: **R72-30-10**
TYPE: **RII TASK CARD**
TASK: **N1 Rigging**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

SECTION: **R72-50-11**
TYPE: **RII TASK CARD**
TASK: **N2 Rigging**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R72-50-11.1 GENERAL		
1.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2 Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R72-50-11.2 PRIOR TO STARTING TASK		
2.1 Verify any new parts used have correct paperwork.		
2.2 Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3 Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4 Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5 Verify that any new P/N used is compatible with aircraft S/N.		
2.6 Read the MM section describing the task.		
2.7 An POC is required for adjustment of the N2 system.		
R72-50-11.3 INPROCESS INSPECTIONS		
3.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
3.2 Verify;		
3.2.1 Linier actuator wires are connected to proper terminals on engine 1 and engine 2.		
3.2.2 Governor control arms are installed in correct position on engine 1.		
3.2.3 Engine 2 ITT actuator (TB412-93-118) is installed with terminal block facing down.		

SECTION: **R72-50-11**
TYPE: **RII TASK CARD**
TASK: **N2 Rigging**

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
3.3	Prior to ground run verify AFCU and MFCU stops make contact. Refer to N1 rigging task card if adjustment is necessary.		
R72-50-11.4	**POST TASK INSEPCTIONS**		
4.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2	Verify;		
4.2.1	Jam nuts on rod ends are torqued.		
4.2.2	Safeties in bolts and nuts.		
4.2.3	Jam nut on actuator is torqued.		
4.2.4	Rod ends maximum visible threads are within tolerance.		
4.2.5	Control rods are free to rotate several degrees about longitudinal axis.		
4.2.6	Firewall and engine deck boot is secure.		
4.2.7	Hardware securing all bell cranks, governors, and cam box are torqued.		

SECTION: **R72-50-11**
TYPE: **RII TASK CARD**
TASK: **N2 Rigging**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: R73-10-02
TYPE: RII TASK CARD
TASK: Maximum N_g Topping Check

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R72-10-02.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R72-10-02.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Discuss with the technician to determine if the topping check will be done on the ground or in flight. Determine if part power or slave stops will be installed for the check.		
2.8	Confirm the correct section of the MM is being used for the serial number of the AC.		
2.9	Check for POC entry in the discrepancy section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description stating what POC procedure is due. Aircraft TT. Date. Signature. A&P number.		
R72-10-02.3	**INPROCESS INSPECTIONS**		
3.1	If part power stops or slave stops are installed check that they have been properly secured in the use position.		
3.2	If during the check an adjustment is made to the topping adjustment screw check the interconnect linkage for proper AUTO/MAN gap and proper throttle cushions. Check for engagement of the interconnect linkage nut in the lock. Check for freedom of throttle movement.		

ATA: **R73-10-02**
TYPE: **RII TASK CARD**
TASK: **Maximum N_g Topping Check**

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R72-10-02.4	**POST TASK INSEPCTIONS**		
4.1	Check for entry in the corrective action section of the log book for the check. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2	Verify the interconnect linkage for proper AUTO/MAN gap and proper throttle cushions. Check for engagement of the interconnect linkage nut in the lock. Check topping screw for proper safety. Check for freedom of throttle movement. Check for clearance of throttle control tubes throughout full travel.		

ATA: **R73-10-02**
TYPE: **RII TASK CARD**
TASK: **Maximum N_g Topping Check**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O./Log Book.

INITIALS	SIGNATURE	CERTIFICATE TYPE & NUMBER

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R73-20-10**
TYPE: **RII TASK CARD**
TASK: **AFCU Installaion**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R 05.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R 05.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Verify;		
2.7.1	POC required for installation of the AFCU is entered in the aircraft Log Book.		
2.7.2	Refer to N1 rigging task card.		
2.7.3	Refer to Fuel pump task card (if removed).		
2.7.4	Refer to MFCU task card (if removed)		
2.7.5	Checks in "After Component Replacement Table" of P&W MM are entered in the log book.		
2.7.6	Leak check is written up in aircraft Log Book.		

ATA: R73-20-10
TYPE: RII TASK CARD
TASK: AFCU Installaion

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
NOTE: The AFCU may be changed independently or as a complete AFCU, MFCU, fuel pump assembly.		
2.7.7 Verify if AFCU will require “reconditioning after storage”.		
R 05.3 INPROCESS INSPECTIONS		
3.1 Verify;		
3.1.1 All previously installed components of the AFCU are safetied.		
3.1.2 Jam nuts are torqued.		
3.1.3 Tubes are aligned with fittings.		
3.1.4 Screen is installed in AFCU		
3.1.5 Coupling shaft is installed between AFCU and fuel pump.		
R 05.4 POST TASK INSEPCTIONS		
4.1 Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
4.2 Verify;		
4.2.1 Retention nuts on AFCU are torque.		
4.2.2 Torque on all B nuts.		

ATA: **R73-20-10**
TYPE: **RII TASK CARD**
TASK: **AFCU Installaion**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____

ATA: **R73-20-11**
TYPE: **RII TASK CARD**
TASK: **MFCU Installation**

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

	MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
R73-20-11.1	**GENERAL**		
1.1	Check for entry in the corrective action section of the log book for the maintenance task. At a minimum the log book entry shall contain the following: A description of the maintenance task. A reference to the acceptable data used. Aircraft TT. Date. Signature. A&P number.		
1.2	Check for entry in the discrepancy section of the log book/Work Order for RII due. At a minimum the log book entry shall contain the following: A description stating that the RII for the maintenance item is due. Aircraft TT. Date. Signature. A&P number.		
R73-20-11.2	**PRIOR TO STARTING TASK**		
2.1	Verify any new parts used have correct paperwork.		
2.2	Verify the maintenance manual is the correct revision number. Check MM revision number against the MHI master publications list.		
2.3	Check computer tracking system for any item or inspection that could be affected by the maintenance task.		
2.4	Inspect all calibrated tool's inspection decal that will be used in the task to confirm it is in current calibration.		
2.5	Verify that any new P/N used is compatible with aircraft S/N.		
2.6	Read the MM section describing the task.		
2.7	Prior to Installation verify integrity of lock wiring and locking seals on unit.		
R73-20-11.3	**INPROCESS INSPECTIONS**		
3.1	For PT6T-3B Engines verify MFCU seal drain port is installed.		
3.2	Verify that strainer (34) and seat (33) have been installed prior to installing fuel inter-connect tube into AFCU port.		
3.3	Ensure retaining plate(28) has been installed, torqued, and safetied.		
3.4	Ensure proper packings are placed in fuel ports at MFCU/Fuel Pump mating surfaces. (If there are still old packings in these recesses they must be discarded and replaced)		
3.5	On all Post-SB5041 and PT6T-3B/-3BE engines ensure Pressure Regulating Valve has been properly installed.		

ATA: **R73-20-11**
TYPE: **RII TASK CARD**
TASK: **MFCU Installation**

MAINTENANCE ACTION	REFERENCE	RII INSPECTORS INITIALS
3.6 Before MFCU/AFCU linkage is installed ensure that a fits and clearances check has been performed IAW P&W PT6T-3B MM.		
R73-20-11.4 POST TASK INSEPCTIONS		
4.1 Verify;		
4.1.1 MFCU/AFCU interconnect linkage is attached.		
4.1.2 Ensure Bolts securing MFCU to Fuel Pump have been properly torqued and torque striped.		
4.1.3 Ensure all attached fuel lines have been secured and torqued properly.		
4.1.4 All lines with holes drilled in the B-Nut have been safetied wired properly.		
4.1.5 That following engine checks are written up in the logbook;		
4.1.5.1 Dry Motoring Run		
4.1.5.2 Wet Motoring Run		
4.1.5.3 Max Ng. and Manual/Automatic Interconnect Linkage Adjustment		
4.1.5.4 Power Turbine Governor Check		
4.1.5.5 Power Check		
4.1.5.6 Acceleration Check		
4.1.5.7 Deceleration Check		

ATA: **R73-20-11**
TYPE: **RII TASK CARD**
TASK: **MFCU Installation**

Upon satisfactory completion of each inspection item, the RII Inspector shall initial the pertinent space as provided. All RII Inspectors shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form the RII Inspector shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form.

This form shall be attached to the aircraft W.O/Log Book.

INITIALS	**SIGNATURE**	**CERTIFICATE TYPE & NUMBER**

I certify that I have used this RII card throughout the inspection process and have made an entry into the aircraft log book.

RII Inspectors Signature; _____

RII INSPECTION AUTHORIZATION CARD CERTIFICATE NUMBER; _____