

# AH-1P/E/F MAINTENANCE TEST FLIGHT RECORD SHEET

(EUSA REG 95-1)

|  |  |                              |                                      |
|--|--|------------------------------|--------------------------------------|
| PURPOSE OF TEST FLIGHT:  |  | ACFT S/N:                    | DATE:                                |
| PILOT:   |  | UNIT:                        |                                      |
| SYMBOLS:            V = SATISFACTORY            X = DEFICIENCY |  |                              |                                      |
| <b>PRIOR TO MTF</b>  |  |                              | 15. HIGH RPM WARNING SYSTEM          |
|  | 1. FORMS AND RECORDS CHECK             |                              | 16. TAIL ROTOR RIGGING CHECK         |
|  | 2. FLIGHT READINESS INSPECTION         |                              | 17. SCAS SYSTEM CHECK                |
|  | 3. SPECIAL REQUIREMENTS                |                              | 18. FUEL SYSTEM CHECK                |
| <b>INTERIOR CHECKS</b>   |  |                              | 19. ELECTRICAL SYSTEMS CHECK         |
|  | 1. GUNNER                              |                              | VOLTS                                |
|  | 2. PILOT                               |                              | 20. INSTRUMENT CHECK                 |
| <b>STARTING ENGINE CHECKS</b>                                  |  |                              | DUAL TACK            % N2            |
|  | 1. CAUTION/WARNING LIGHTS              |                              | GAS PRODUCER            % N1         |
|  | 2. EMER HYDRAULICS CHECK               |                              | TGT            °C                    |
|  | 3. THROTTLE CUSHION CHECK              |                              | TORQUEMETER            %             |
|  | FULL OPEN            °                 |                              | ENG OIL PRESS            PSI         |
|  | FULL CLOSED            °               |                              | ENG OIL TEMP            °C           |
| <b>ENGINE RUNUP CHECKS</b>                                     |  |                              | TRANS OIL PRESS            PSI       |
|  | 1. FLIGHT IDLE SPEED            % N1   |                              | TRANS OIL TEMP            °C         |
|  | 2. DEICE SYSTEM CHECK                  |                              | 21. RADIOS CHECK                     |
|  | 3. ECS OPERATION CHECK                 |                              | 22. INSTRUMENT CHECKS                |
|  | 4. VIGV OPERATION CHECK            OAT |                              | NAVIGATIONAL AIDS CHECKS             |
|  | BEGIN TO OPEN            % N1          |                              | ASE CHECKS                           |
|  | FULLY OPEN            % N1             |                              | 23. ARMAMENT SYSTEMS CHECK           |
|  | 5. BLEED BAND CHECK            % N1    | <b>BEFORE TAKEOFF CHECKS</b> |                                      |
|  | CLOSING SPEED            % N1          |                              | 1. HIT CHECK                         |
|  | 6. PITOT HEATER CHECK                  |                              | OAT            °C                    |
|  | 7. FORCE TRIM SYSTEM CHECK             |                              | N1            % N1                   |
|  | 8. FLIGHT CONTROL CHECK                |                              | TGT            °C                    |
|  | 9. CYCLIC FRICTION            LBS      |                              | DIFFERENCE            °C             |
|  | 10. COLLECTIVE FRICTION                | <b>HOVER CHECKS</b>          |                                      |
|  | MINIMUM FRICTION UP            LBS     |                              | 1. TAKEOFF TO HOVER CHECKS           |
|  | MINIMUM FRICTION DN            LBS     |                              | 2. INSTRUMENT CHECKS                 |
|  | MAXIMUM FRICTION            LBS        |                              | 3. TORQUEMETER CHECK                 |
|  | 11. HYDRAULICS SYSTEM CHECK            |                              | 4. PEDAL AUTHORITY CHECK             |
|  | SYSTEM #1                              |                              | 5. YAW CHANNEL RESPONSE CHECK        |
|  | SYSTEM #2                              |                              | 6. SIDEWARD HOVER FLIGHT CHECK       |
|  | SYSTEM #3                              |                              | 7. FORWARD HOVER FLIGHT CHECK        |
|  | 12. MINIMUM BEEP CHECK            % N2 |                              | 8. PYLON MOUNT CHECK                 |
|  | 13. MAXIMUM BEEP CHECK            % N2 |                              | 9. ENGINE RESPONSE CHECK             |
|  | LOW RPM LIGHT            % N2          |                              | 10. LOW RPM HOVER CHECK              |
|  | LOW RPM AUDIO            % N2          |                              | 11. EMER GOVERNOR SYSTEM CHECK       |
|  | HIGH RPM LIGHT            % N2         |                              | 12. POWER CYLINDER CHECK             |
|  | 14. LINEAR ACTUATOR TRAVEL TIME        |                              | 13. Collective Servo Authority Check |
|  | SECONDS                                |                              | SYSTEM #1            % TORQUE        |

|                      |  |                                 |          |                              |  |                                  |      |
|----------------------|--|---------------------------------|----------|------------------------------|--|----------------------------------|------|
|                      |  | SYSTEM #2                       | % TORQUE |                              |  | N1 SPEED                         | %    |
|                      |  | 14. BEFORE TAKEOFF CHECKS       |          |                              |  | TGT                              | °C   |
|                      |  | 15. FUEL                        | LBS      | TIME                         |  | OAT                              | °C   |
| <b>FLIGHT CHECKS</b> |  |                                 |          |                              |  | PRESSURE ALTITUDE                | FT   |
|                      |  | 1. TAKEOFF/CLIMBOUT CHECKS      |          | <b>BEFORE LANDING CHECKS</b> |  |                                  |      |
|                      |  | 2. INSTRUMENT CORRELATION CHECK |          | <b>AFTER LANDING CHECKS</b>  |  |                                  |      |
|                      |  | ENG OIL PRESS                   | PSI      |                              |  | 1. ENG OIL PRESS                 | PSI  |
|                      |  | ENG OIL TEMP                    | °C       |                              |  | 2. ENG OIL TEMP                  | °C   |
|                      |  | TRANS OIL PRESS                 | PSI      |                              |  | 3. TRANS OIL PRESS               | PSI  |
|                      |  | TRANS OIL TEMP                  | °C       |                              |  | 4. TRANS OIL TEMP                | °C   |
|                      |  | 3. FLIGHT CONTROL RIGGING CHECK |          |                              |  | 5. FUEL QUANTITY/TIME            |      |
|                      |  | 4. AUTOROTATION CHECK           |          |                              |  | LBS                              | TIME |
|                      |  | ROTOR RPM                       | %        |                              |  | 6. BATTERY CONDITION CHECK       |      |
|                      |  | 5. VIBRATION ANALYSIS CHECKS    |          |                              |  | 7. POST FLIGHT INSPECTION        |      |
|                      |  | 6. RADIO AND NAV AIDS CHECKS    |          |                              |  | 8. FORMS AND RECORDS COMPLETED   |      |
|                      |  | 7. TOPPING CHECK                |          |                              |  | 9. PERSONNEL DEBRIEF             |      |
|                      |  | TORQUE CHECK                    | %        |                              |  | 10. AIRCRAFT RELEASED FOR FLIGHT |      |

REMARKS: