

Temporary Maintenance Instruction TMI139-493 Rev.B

Role Change Procedure – Tactical Mission Console – General

AW139 Helicopter that install Tactical Mission Console P/N 4G4620F00911 with Electrical Provision P/N 3G2520A11711

The technical content of this document is approved under the authority of DOA nr. EASA.21J.005.

The present TMI will be evaluated for its introduction in the standard set of Technical Publication.

If no further notice is received, the present document expires on: December 16th 2022.

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Introduction

This TMI provides the instructions and requirements to perform the role change of the Tactical Mission Console P/N 4G4620F00911 with Electrical Provision P/N 3G2520A11711.

Role Change Procedure – Tactical Mission Console – General

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Table 1 References

Data Module	Title
39-A-00-20-00-00A-120A-A	Helicopter safety - Make the helicopter safe for maintenance
39-A-16-10-00-01A-028A-A	Role change procedures - General guidelines for removal and installation of components - General
39-B-25-23-01-00A-520A-A	Mission display - Remove procedure
39-B-25-23-01-00A-720A-A	Mission display - Install procedure

Table 2 Access Point

Access Panel / Door Id	Data Module
No Access Point	

Table 3 Zones

Zone ID	Data Module
No Zones	

Preliminary requirements

Required conditions

Table 4 Required conditions

Conditions	Data
1. The helicopter must be safe for maintenance	39-A-00-20-00-00A-120A-A

Support equipment

Table 5 Support Equipment

Nomenclature	Identification No.	Qty
No support equipment are required		

Supplies

Table 6 Supplies

Nomenclature	Identification No.	Qty
No Supplies are required		

Spares

Table 7 Spares

Nomenclature	Identification No.	Qty
No spares are required		

Safety conditions

No Safety Condition.

Procedure

Note

During this procedure, obey the general guidelines applicable to the removal and installation of components. Refer to 39-A-16-10-00-01A-028A-A.

1. Open Mission Console Circuit Breaker on the circuit breaker panel.
2. Open other circuit breakers related to the systems controlled through the mission console.
3. Removal of components.
- 3.1. During this procedure, you must put the applicable caps on all the disconnected electrical connectors. Do this immediately after you disconnect each electrical connector.

- 3.2. Get access to the mission console in the cabin.
- 3.3. Disconnect interface connectors P2079, P2099 and P2199 from the connector support.
- 3.4. Remove the display from the mission console. Refer to the applicable steps of data module 39-B-25-23-01-00A-520A-A.
4. Installation of components
 - 4.1. During this procedure, you must remove all the applied caps on all the disconnected electrical connectors before reinstallation. Do this immediately before you connect each electrical connector.
 - 4.2. Install the display on the mission console. Refer to the applicable steps of data module 39-B-25-23-01-00A-720A-A.
 - 4.3. Connect interface connectors P2079, P2099 and P2199 to the connector support.
5. Close circuit breakers related to the systems controlled through the mission console.
6. Close Mission Console Circuit Breaker on the circuit breaker panel.

Requirements after job completion

1. Return the helicopter to flight configuration.