

SUPPLEMENTAL AIRPLANE MAINTENANCE MANUAL

DA 62

TRAKKA TC-300 CAMERA SYSTEM

This Supplemental AMM is approved and is valid in conjunction with the basic Airplane Maintenance Manual (AMM).

The limitations and information contained herein either supplement or in case of conflict, override those in the AMM.

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This document must be carried in the Airplane Maintenance Manual (AMM) at all times. It describes the maintenance procedures.

The technical information contained in this document has been approved under the authority of DOA ref. EASA.21J.052.

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Record of Revision

Rev. No.	Reason	Chapter	Page(s)	Date of Revision	Approval Note	Date of Approval	Date Inserted	Signature

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Any occurrence related to this DEO shall be reported in writing to the address above or submitted to E-Mail airworthiness-austria@diamondaircraft.com.

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CHAPTER 03
GENERAL DESCRIPTION OF THE AIRPLANE

1. Description

The DA 62 can be equipped with an optional TC-300 camera system. The TC-300 camera system is a high performance gimbal stabilized camera system equipped with electro-optic sensors dedicated to law enforcement, surveillance, border control and search & rescue.

This supplemental AMM provides instructions for Continued Airworthiness related to this DEO.

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CHAPTER 05
TIME LIMITS AND MAINTENANCE CHECKS
Section 05-28-50
Maintenance Checklist DA 62 Airframe

1. Exterior of the Fuselage

F. TC-300 Camera System

Note: You must also do the applicable maintenance work described in Supplemental AMM M30.

		Interval				Time	Initials
		100	200	1000	2000		
	Inspection Items, TC-300 Camera System						
1.	Check all cables for improper connection and incorrect routing.	X	X	X	X		
2.	Check all cables for chafing.	X	X	X	X		
3.	Check attachment of TC-300 camera system for insecure mounting: <ul style="list-style-type: none"> - Check for loose or missing fasteners. - Check mounting brackets for cracks and deformation. 	X	X	X	X		

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CHAPTER 11
PLACARDS AND MARKINGS
Section 11-30
Interior Placards and Markings

1. General

Install the corresponding placard in the LH & RH Nose baggage compartment:

No Baggage
allowed

Figure 1: Placard in Nose Baggage Compartment (RH)

Max. Baggage:
30 kg (66 lb)

Figure 2: Placard in Nose Baggage Compartment (LH)

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CHAPTER 24
ELECTRICAL POWER
Section 24-81-00
TC-300 Camera System

1. General

The TC-300 camera system is supplied with power from the Mission Power Panel, which is installed on the RH side in the rear baggage compartment.

2. Overview Electrical Loads

For an overview of the electrical power consumption of the TC-300 camera system refer to the Supplemental AFM D62, Section 7.10.

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CHAPTER 25
EQUIPMENT / FURNISHINGS
Section 25-70-32
TC-300 Camera System

1. Description of the Components

The TC-300 camera system consists of two main components:

- The TC-300 Turret Camera Unit (TCU).
- The Hand Control Unit (HCU).
- The Quick Disconnect Unit (QDU).

The TCU is installed in the WX Multi-Purpose Nose and provides a daylight camera with a high definition zoom color camera as well as thermal imagers.

The HCU is loose equipment in the rear passenger compartment.

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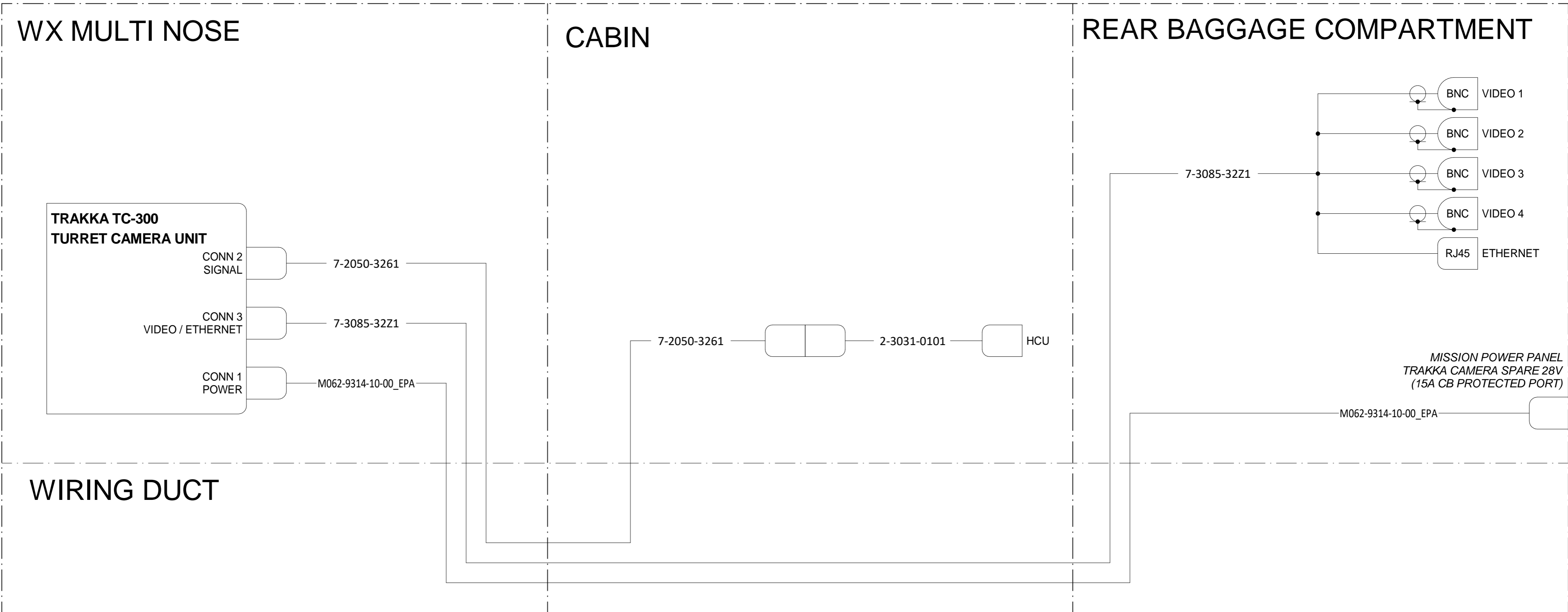
CHAPTER 92
WIRING DIAGRAMS

1. General

Title	Drawing No.	Rev. No.	No. of Sheets
Wiring Mission, TRAKKA TC-300	D062-9225-00-01	-	1

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REVISION				
REV	SH	ZONE	DESCRIPTION	DATE
-	01	ALL	DEO 62-062 NEW DRAWING, DOES NOT SUPERSEDE ANOTHER DRAWING	11-JUL-2024



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CLASSIFICATION: NONE		NAME / SIGN / DATE		MASS N/A	INTERCHANGEABLE PART NO
IF NOT OTHERWISE SPECIFIED GEOMETRIC DIMENSIONING AND TOLERANCING ACC. TO ISO 2768-mK		DRAWN:	TITLE WIRING MISSION TRAKKA TC-300		
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