

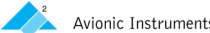




THE POWER OF PARTNERSHIP



# CN-235 CAPABILITIES

	<p><b>Woodward</b> is a manufacturer of control systems and control system components for aircraft engines, industrial engines and turbines, power generation and mobile industrial equipment.</p>
	<p><b>Eaton's</b> broad portfolio of hydraulic, fuel, conveyance and actuation products provides a single source for power management.</p>
	<p><b>Avionic Instruments</b> produces advanced power conversion, control equipment, and electrical distribution components and systems including static inverters, frequency converters and RTR/TRUs.</p>

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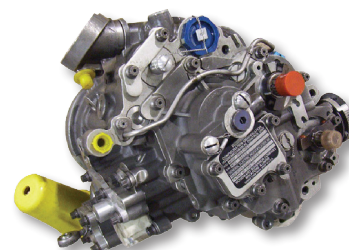
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# CN-235 CAPABILITES



## HYDRO MECHANICAL UNIT (HMU)

Woodward can provide the main fuel control, also known as the HMU, for the CT-7 engine variants. HMU models can be overhauled; lower models can be upgraded to newer versions.



CT-7-8E Engine (9C/9D) - CASA 235 / SAAB340

PART NUMBER	DESCRIPTION	NSN
6068T72P01	MAIN FUEL CONTROL	1680-01-328-1038
6068T72P03	MAIN FUEL CONTROL	2915-01-356-7486
6068T72P05	MAIN FUEL CONTROL	N/A
6068T72P08	MAIN FUEL CONTROL	N/A
6068T72P09	MAIN FUEL CONTROL	N/A
6068T72P12	MAIN FUEL CONTROL	N/A
6068T72P17	MAIN FUEL CONTROL	2915-01-494-7600
6068T72P18	MAIN FUEL CONTROL	2915-01-494-7600
6068T72P22	MAIN FUEL CONTROL	2915-01-488-9534
6068T72P23	MAIN FUEL CONTROL	2915-01-494-7600
6068T72P24	MAIN FUEL CONTROL	2915-01-494-7600
6068T72P25	MAIN FUEL CONTROL	1680-01-494-0009

## ACTUATOR

PART NUMBER	DESCRIPTION	NSN
2A6203A	PITCH TRIM TAB, RIGHT SIDE	4810-01-530-9256
2A6204A	ROLL TRIM ACTUATOR	
2A6205A	ROLL TRIM ACTUATOR	4810-01-530-9260
2A6205B	ROLL TRIM ACTUATOR	4810-01-550-7301
2A7213B	YAW TRIM ACTUATOR	4810-01-530-9257
2A8213C	PITCH TRIM ACTUATOR, LEFT SIDE	4810-01-530-9261

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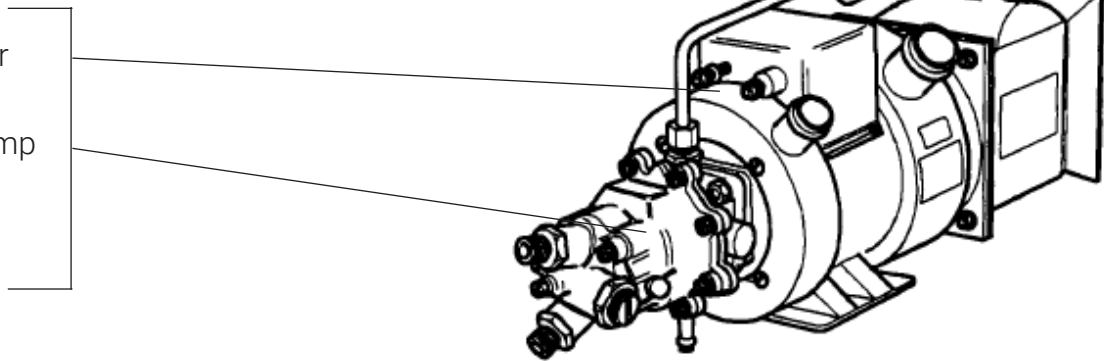
# CN-235 ELECTRIC MOTOR PUMP



The electrically-driven motor pump supplies a non-pulsating fluid flow to operate the aircraft hydraulic system components.

## HYDRAULIC MOTOR PUMP CONSISTS OF :

- Electric Motor  
**PN 453663**
- Hydraulic Pump  
**PN 716961**
- Oil Cooler



## CN-235 PLATFORM, 2 PER AIRCRAFT

MODEL CODE	P/N	DESCRIPTION	NSN
MPEV3-011-8UK2B	453665	ELECTRICAL DRIVEN HYDRAULIC PUMP (S100/S200)	2910-99-2074-192
MPEV3-011-8UK2C	933402	ELECTRICAL DRIVEN HYDRAULIC PUMP (S300)	1650-99-3791-046



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# CN-235 STATIC INVERTERS



**Avionic Instruments LLC**  
*Aerospace Power Electronics*

AI<sup>2</sup> Static Inverters are supplied at power levels ranging from 20VA single phase to 37.5kVA three phase. Lightweight, small size and high reliability are achieved with the use of high frequency switching circuitry. Inverters are designed to operate in the most stringent environments, and are qualified to meet FAA and military standards for mission critical equipment.



PART NUMBER	NOMENCLATURE	NSN
1-002-0102-1245	INVERTER, POWER, STATIC	6130-01-483-0152
1-002-0102-1025	INVERTER, POWER, STATIC	6130-01-530-9310
1-002-0102-1020	INVERTER, POWER, STATIC	6130-01-530-9311



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