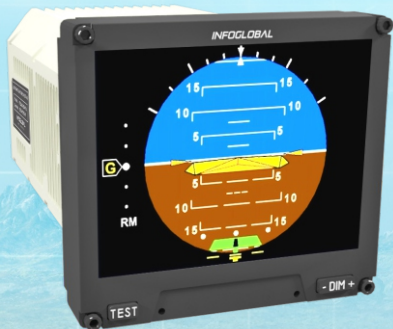


# EFD-5.5

## Electronic Flight Display 5.5



An avionic instrument used as navigation display of C-130 Hercules with 3 modes: Attitude Direction Indicator (ADI), Horizontal Situation Indicator (HSI), and Radar Display Unit (RDU).

EFD-5.5 has passed airworthiness certification issued by Air Force Flight and Work Security Service (Dislambangja TNI AU).

### FEATURES:

#### 1. EADI MODE

- Pitch Indicator
- Roll Indicator
- Steering / V Bars
- Localizer Scale Indicator
- Rate of Turn Indicator
- Glideslope Indicator
- Decision Height Indicator
- Internal Status Indicator
- Fail Indicator
- Reversionary Mode
- NVIS Mode

#### 2. EHSI MODE

- Heading Set Indicator
- Heading Indication
- Heading Set Indication
- Course Set Indication
- To/From Indicator
- TACAN Distance To Go Indication
- FMS Distance To Go Indication
- Glideslope Indicator
- Waypoint Alert Indicator
- Internal Status Indicator
- Invalid Indicator
- Reversionary Mode
- NVIS Mode

#### 3. RDU MODE

- Pilot's Radar Display

#### 4. BRIGHTNESS ADJUSTMENT

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### SPECIFICATIONS

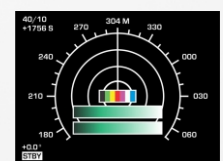
Aircraft Type	
Type	: C-130 Hercules
Physical Data	
Length	: 225 mm
Width	: 132 mm
Height	: 120.6 mm
Weight	: 3.26 Kg
Embedded	
Processor	: NVIDIA Tegra 3 quad-core Cortex-A9
Controller	: ARM Cortex-M4 FPGA Spartan 6 XC6SLX45 FPGA Spartan 3A XC3S200
Communication	: ARINC-561, RS232, ANALOG, DISCRETE, Synchro, Resolver, Analog RGB (STANAG Video)
Power	
Power Supply	: +28 VDC / 30 Watt Max
Power Consumption	: 36 Watt Max
Display	
Size	: 3.33"L x 4.48"W, 5.5" Diagonally (view area)
Resolution	: 640 x 480 pixel
Display Mode	: EADI, EHSI, RDU
Environment	
Temperature	: -10° to +70° C (operation) : -10° to +85° C (storage)
Vibration	: 6 g



EADI



EHSI



RDU