



HYCOM DATASHEET

RAM AIR TURBINE EQUIPMENT FOR AIRCRAFT MAINTENANCE
MODEL HRK

IDEAL FOR

FUNCTIONAL TEST OF RAM AIR TURBINE AS PER AMM

NSN

4920-17-122-3674

MODEL

HRK-01

Consisting of:

- HFK-02
- HRT-01A

SUITABLE FOR

AIRBUS A320 FAMILY CEO / NEO
AIRBUS A330 AND A340 CEO / NEO
BOEING 747-8
BOEING VC-25

BENEFITS

Certified by Airbus and Boeing
Easy to install
Simple to operate
Light weight

FEATURES HFK-02

Certified and listed in Airbus Tool / Equipment Bulletin and Boeing AMM

Flow control unit

- Heavy duty stainless steel frame with rigid and caster wheels
- Hydraulic hoses length 4 meters with quick disconnect couplings
- Test cables for signal and power supply included for A320 family, A330 and A340
- High accuracy flow meter – accuracy 2% of measured value
- Pressure filter 3 µm absolute with visual clogging indicator
- Operator panel with graphic layout
- High pressure gauge – accuracy 1% of full scale
- Temperature gauge – accuracy 1,6% of full scale
- Digital RAM AIR Pressure indicator – accuracy 0,5% of full scale
- Digital RAM AIR Speed indicator – accuracy 0,5% of full scale
- Hydraulic and electric components completely isolated from each other



DIMENSIONS & WEIGHT

HFK-02 UNIT

| | |
|---------------|----------------|
| LENGTH | 107 cm |
| WIDTH | 80 cm |
| HEIGHT | 120 cm |
| WEIGHT | approx. 200 kg |

HFK-02 INCL. TRANSPORT BOX

| | |
|---------------|----------------|
| LENGTH | 125 cm |
| WIDTH | 100 cm |
| HEIGHT | 141 cm |
| WEIGHT | approx. 310 kg |

POSSIBLE OPTIONS

Battery power operation

Other options are available upon request.

FEATURES HRT-01A

Certified and listed in Airbus Tool Equipment Bulletin / AMM and Boeing AMM

Ground check motor

- High performance hydraulic motor
- Handgrip for easy handling of the tool
- Flange protector to prevent scratches to the aircraft ram air turbine
- Internal flushing and cooling of the hydraulic motor
- The ram air turbine of the aircraft will not be damaged in case of shaft seal failure of the hydraulic motor
- Unique integrated feature to prevent cavitation of the hydraulic motor in case of emergency stop
- Tool connects directly to the quick disconnect couplings of the hydraulic test stand
- Heavy duty case with retractable extension handle and wheels



Requirements for hydraulic supply (e.g. Hycom HT2000 series)

| | |
|-----------------------------------|--|
| Fluid | Phosphate ester based fluids e.g. Skydrol or Hyjet |
| Pressure | 3000 PSI (210 bar) |
| Minimum flow | 40 USgpm (150 l/min) |
| Quick disconnect couplings | Hycom HQD-010-HA |

DIMENSIONS & WEIGHT

HRT-01A UNIT

| | |
|---------------|---------------|
| LENGTH | 48 cm |
| WIDTH | 19 cm |
| HEIGHT | 27 cm |
| WEIGHT | approx. 19 kg |

HRT-01A INCL. CASE

| | |
|---------------|---------------|
| LENGTH | 69 cm |
| WIDTH | 53 cm |
| HEIGHT | 48 cm |
| WEIGHT | approx. 30 kg |

IMAGES





HYCOM B.V.

P.O. BOX 1079 | 7301 BH APELDOORN
ANTILLEN 43 | 7333 PE APELDOORN

T +31 88 0597 200

E INFO@HYCOM.NL | W WWW.HYCOM.NL