



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