

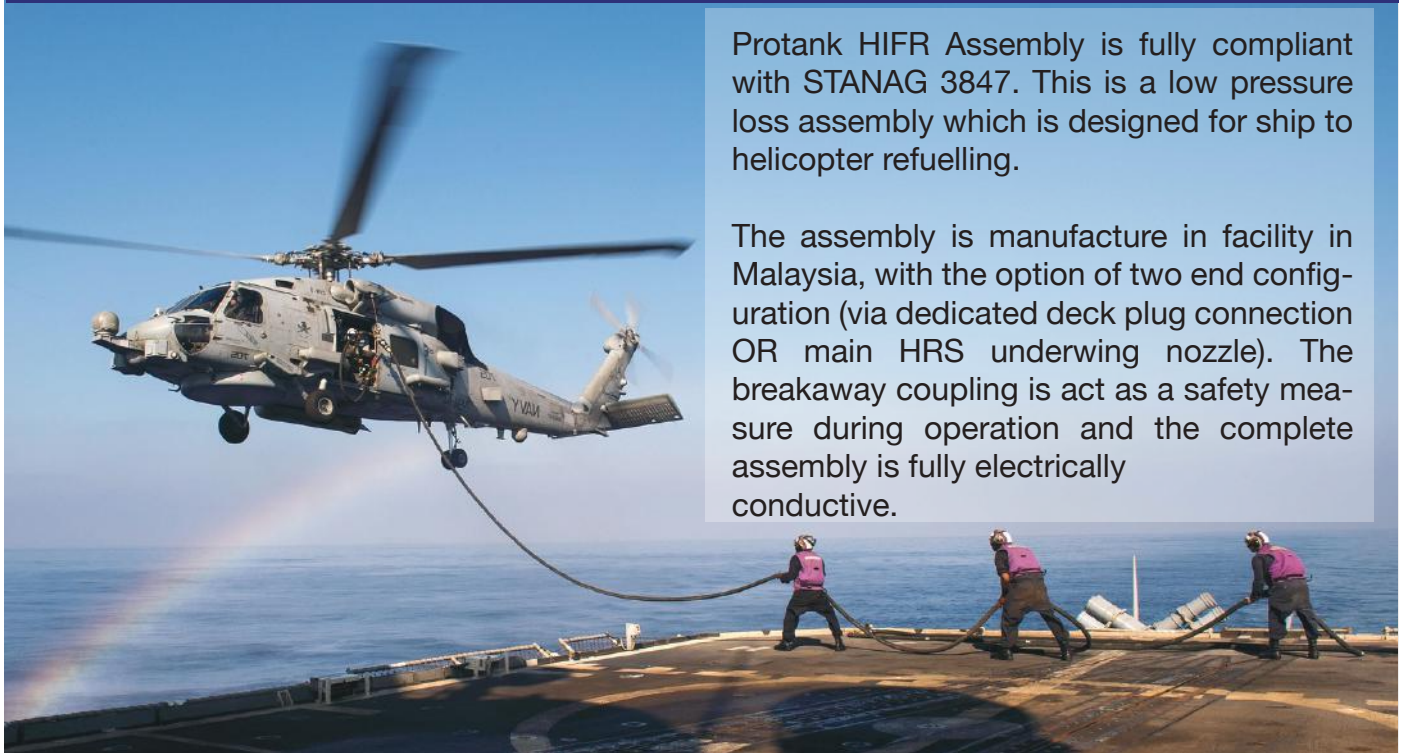
# (HIFR) ASSEMBLY

## Helicopter In-Flight Refuelling



Protank HIFR Assembly is fully compliant with STANAG 3847. This is a low pressure loss assembly which is designed for ship to helicopter refuelling.

The assembly is manufacture in facility in Malaysia, with the option of two end configuration (via dedicated deck plug connection OR main HRS underwing nozzle). The breakaway coupling is act as a safety measure during operation and the complete assembly is fully electrically conductive.

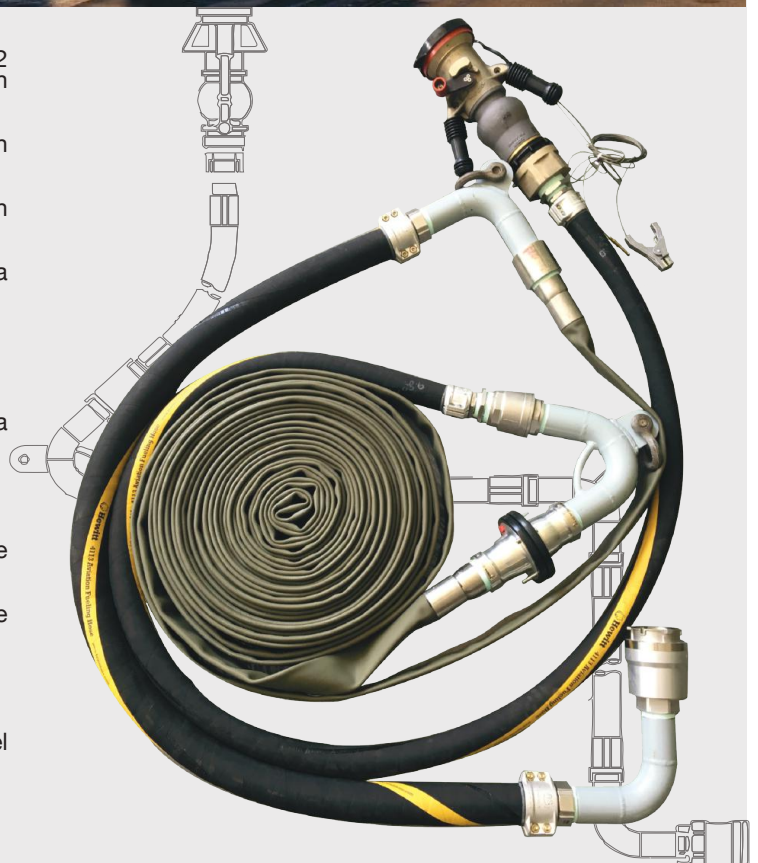


### Components

- 1 off Hose End Pressure Controller HUMY451 A2 DBDT with Strainer with dust cap pressure regulation at 45 + 5 psi.
- 1 off Hose 50mm NB X 10ft (3m) EN1361 type E with couplings.
- 1 off Upper Elbow with suitable shackle point for winch connection.
- 1 off Upper Automatic Breakaway Coupling with a rating of 805 Kgs.
- 1 off Swivel.
- 1 off Hose 50mm x 100ft (30.5 M) EN1361 Type TW.
- 1 off Lower Automatic Breakaway Coupling with a range of 805 Kg
- 1 off Swivel
- 1 off Lower Elbow tie-down with two shackles and tie down stainless steel stop.
- 1 off Aircraft Coupling HUMY 3204C without the pressure regulation or non-return valve.

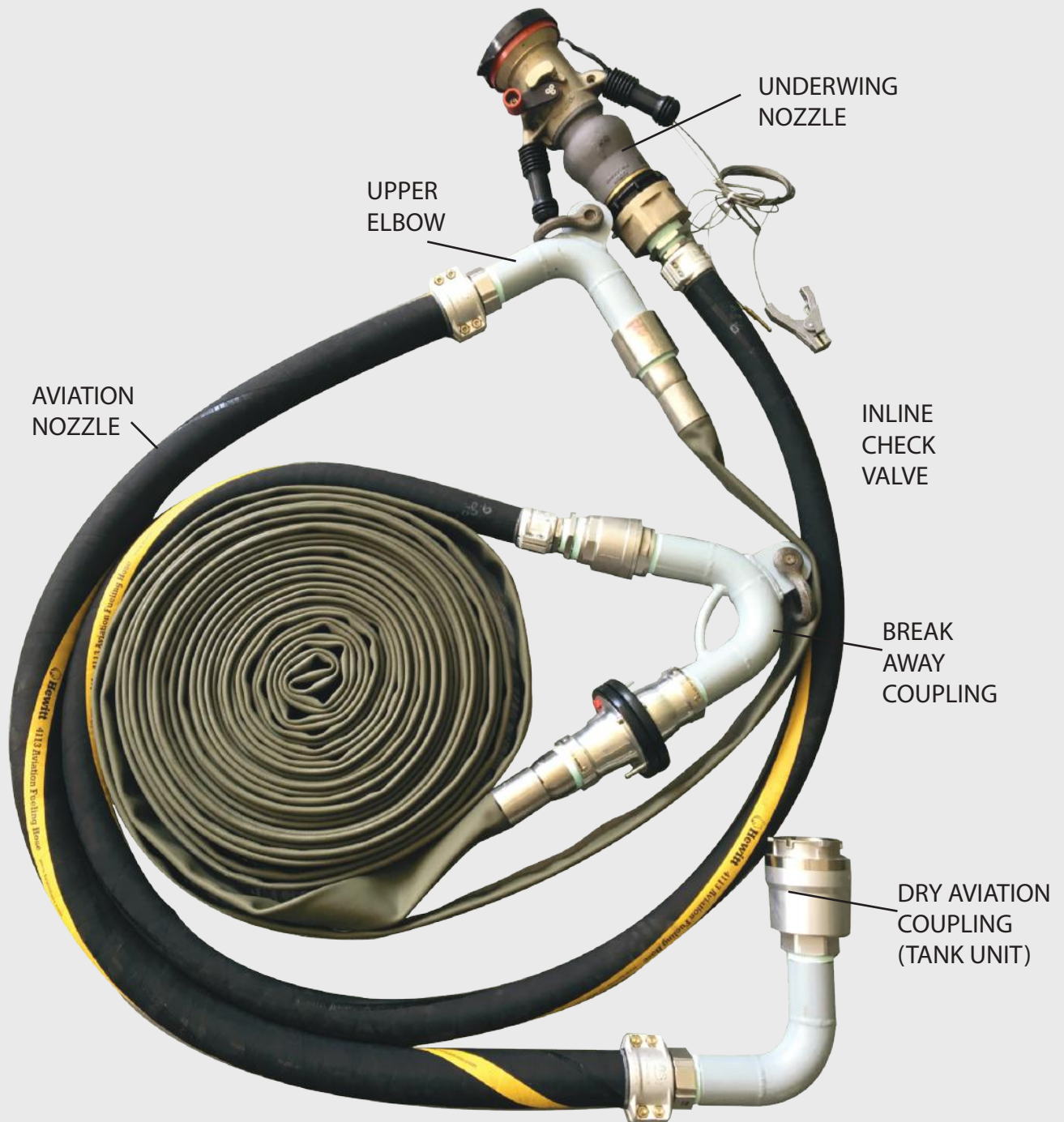
### Deck Mounted Equipment

- 1 off 10m length of EN1361 type C 50mm Aviation fuel hose.
  - 1 off quick dry break coupling HUMY 3204C.
  - 1 off Fluid Transfer dry-break tank unit part number DCA10462-5 and cap.
- Wet weight approx 120kg



# (HIFR) ASSEMBLY

## Helicopter In-Flight Refuelling



DRY AVIATION  
COUPLING

LOWER ELBOW  
(HORIZONTAL POSITION)