

Disabled Aircraft Recovery Kit (DARK)

CAPABILITY SHEET - AIR-LIFTING-BAG RECOVERY + ICAO DOC 9137 - ENGINEERED TO ORDER

THE SYSTEM

WHAT	A disabled aircraft recovery kit (DARK) lifts a disabled aircraft off the runway and removes it to reopen it - sized to the largest aircraft using the aerodrome.
OUR ROLE	Neometrix builds the kit, air supply and control, jacking, shoring, tethering, towing and transport trolleys; the pneumatic lifting bags are bought-in specialist.
STATUS	Engineered to order; sized to the aircraft class and the aerodrome. No specific delivered kit is claimed on this sheet.

THE RECOVERY

STABILISE	Assess and plan the lift for the aircraft and its damage, then shore and tether the airframe so it cannot roll or shift before it is lifted.
LIFT	Low-pressure pneumatic air-lifting bags under the fuselage and wings spread the load and raise the aircraft gently and level, assisted by hydraulic jacks.
RECOVER	Repair or replace the undercarriage, or support the aircraft on a cradle or bogie, and tow it clear - the runway reopened.

THE KIT

BAGS	The pneumatic air-lifting-bag set with its air supply - cylinders or compressor - and a control console for a coordinated, monitored, level lift.
JACKS + SHORING	Hydraulic jacks, cribbing and shoring to hold the aircraft at each stage, and tethering and anchoring to keep it stable during the recovery.
TOW + TROLLEYS	Cradle or bogie, tow bars, dollies and ground-handling gear to move it clear; transport trolleys or containers keep the kit stored ready.

DISTINCT & HONEST

STANDARD	Built and sized to ICAO Doc 9137 Part 5 (Removal of Disabled Aircraft) and the IATA Aircraft Recovery Manual, to the aerodrome's largest aircraft.
OUR FRANCHISE	It is an aircraft-GSE, hydraulics, pneumatics, lifting and recovery problem - our competence; the specialist air-lifting bags are bought-in.
ENGAGEMENT	Send the aircraft class and the aerodrome to sales@neometrixgroup.com for a clause-by-clause compliance matrix in two working days.

DEFENCE PROGRAMMES DESK

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