

**didbury** est.1941



**AIRCRAFT APPLICATION SHEET  
10/4180 HOIST KIT**

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Why is the Didsbury Multi-Purpose Hoist system different?

- Approved by Boeing for multiple applications in January 2023. (see applications matrix for Boeing fleet).
- Telescopic tube arrangement in place to enable adjustment to deliver all range of applications.
- Extended to 40ft cable whilst maintaining the existing Didsbury hoist benefits:
  - Single layer cable layering – no birds nesting
  - Cable can be wound out without requiring tension to be maintained
  - Minimum of 4:1 Factor of Safety
  - 2-speed manual operation minimises operator effort and allows rapid wind in/wind out
  - Simple but effective dual braking system. The Didsbury hoist uses a governor shoe braking system for a Fast, accurate controlled descent with wind facility for final positioning.
  - Safety in operation is ensured by a 'dead mans' brake which is normally in the 'on' position. - Instantaneous fail safe, ensuring load never falls out of control.
  - Can be retrofitted to existing Didsbury Fishpole Hoists



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10/4180 HOIST KIT**

**MULTI-PURPOSE FISHPOLE HOIST KIT -  
TELESCOPIC EXTENSION TUBE**

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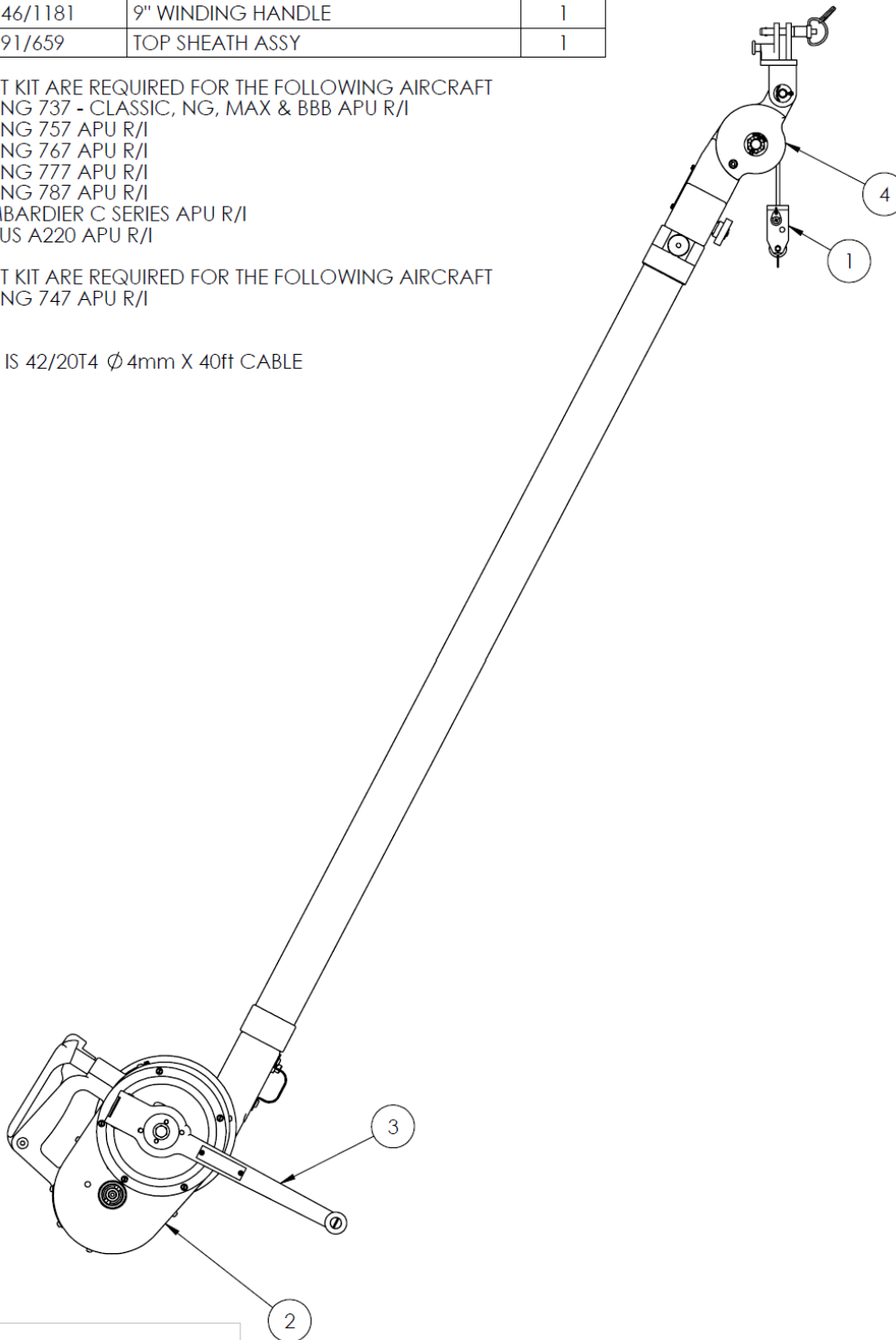
ITEM NO.	PART No.	DESCRIPTION	QTY
1	10/4069	SHACKLE ASSEMBLY	1
2	10/4174	FISHPOLE HOIST ASSEMBLY	1
3	46/1181	9" WINDING HANDLE	1
4	91/659	TOP SHEATH ASSY	1

- 2 OFF HOIST KIT ARE REQUIRED FOR THE FOLLOWING AIRCRAFT
- BOEING 737 - CLASSIC, NG, MAX & BBB APU R/I
  - BOEING 757 APU R/I
  - BOEING 767 APU R/I
  - BOEING 777 APU R/I
  - BOEING 787 APU R/I
  - BOMBARDIER C SERIES APU R/I
  - AIRBUS A220 APU R/I

- 3 OFF HOIST KIT ARE REQUIRED FOR THE FOLLOWING AIRCRAFT
- BOEING 747 APU R/I

**NOTE**

CABLE P/N IS 42/20T4 Ø 4mm X 40ft CABLE



HEIGHT OF LIFT: 10m

SWL: 254kg

WEIGHT: 19kg

REVISION. 2

DATE: 07/03/2023

Application	737-345	737-678	737-MAX
APU Installation/removal	X	X	X
Fan Cowl Panel Installation / Removal (Sling Method)	X		
Inlet Cowl (Boom and "A" Frame) Installation / Removal	X		
Main Rudder Power Control Unit Installation		X	X
Starter-Generator Installation / Removal		X	X
Thrust Reverser Half Removal	X		

Application	747-400	747-8	757	767
Aft Mount Link Installation / Removal	X	X		
Aft Shockmount Installation / Removal	X	X		X
Aft Supports and Aft Shockmounts Installation / Removal			X	
Allow Operation with APU-Driven Generator Removed		X		
APU Aft Mount Assembly Visual Inspection	X	X		
APU Aft Support and Shockmount Removal				X
APU Battery Installation/removal				X
APU Forward Support and Shockmount Removal				X
APU Generator Installation/removal	X	X		X
APU Installation/removal	X	X	X	X
Bulk Cargo Door - Activation / Deactivation		X		
Bulk Cargo Door - Installation / Removal	X	X		
Central Lateral Control Package (CLCP) Installation / Removal	X	X		
Cone Bolt Support Block Installation / Removal	X	X		
Cone Insulation Blanket Installation / Removal	X			
Engine Bleed Air Precooler Removal (Method 1)		X		
Fan Air Intake Duct Installation / Removal			X	
Forward support & Forward Shockmount Installation / Removal	X	X	X	X
Inboard Elevator Power Control Package - Installation / Removal	X	X		
Main Battery - Installation / Removal				X
Main Landing Gear Installation				X
Main Landing Gear Door Installation / Removal				X
Main Landing Gear Retract Actuator - Installation / Removal				X
Main Landing Gear Shcok Strut Installation / Removal				X
MLG Overhead Mechanical Equipment Installation				X
No. 3 Cargo Door Installation/ Removal			X	
Nose Landing Gear Retract Actuator - Installation / Removal			X	X
Stabilizer Trim Ballscrew Actuator Installation				X
TE Flap Power Drive Unit (PDU) Installation/ Removal			X	X
Thrust Reverser Installation/Removal			X	
Trailing Edge Flap Power Drive Unit (PDU) Components Removal				X
Transmission - Installation / Removal		X		
Vertical Aft Strut Mount - Installation / Removal		X		
Vertical Support Tube Installation	X	X		

Application	777	777-89X	787
Aileron Power Control Unit - Installation / Removal			X
APU Battery Installation/removal	X	X	
APU Generator Installation/removal	X	X	
APU Installation/removal	X	X	X
Bulk Cargo Door - Installation / Removal	X	X	X
CPMU Memory Expansion Unit (CMEU) Installation / Removal	X		
Disk Array Installation / Removal	X		
Electro-Mechanical Actuator - Installation / Removal		X	X
Elevator Power Control Units (PCU) - Installation / Removal	X	X	X
Flap and Slat Hydraulic Control Module - Installation / Removal			X
Flap Power Drive Unit - Removal			X
Forward Cargo Air Conditioning Cargo Refrigeration Unit - I/R			X
Forward Strut Mount - Installation / Removal			X
Hard Disk Drive Array (HDDA) Installation / Removal	X		
Horizontal Stabilizer Trim Actuator - Installation / Removal			X
Horizontal Stabilizer Trim Actuator Electric Motor Control Unit - I/R			X
Integrated Cooling System Liquid Cooling Pump Package - I/R			X
Leading Edge Slat Power Drive Unit - Installation / Removal		X	X
Main Battery - Installation / Removal	X		
Main Landing Gear Drag Brace Lock Spring Installation	X		
Main Landing Gear Retract Actuator - Installation / Removal	X	X	X
Main Landing Gear Side Brace Lock Spring Installation / Removal	X		
Nose Landing Gear Lock Spring Installation / Removal	X		
Nose Landing Gear Retract Actuator - Installation / Removal	X	X	X
Nose Wheel Steering Valve Module Removal			X
Power Electronics Cooling System Liquid Cooling Pump Package - I/R			X
Precooler Installation / Removal with the Engine Installed	X	X	
QAM Modulator Unit (QMU) Installation / Removal	X		
Ram Air Turbine (RAT) - Installation / Removal	X	X	
Rudder Power Control Unit (PCU) - Installation / Removal	X	X	X
Stabilizer Trim Actuator - Installation / Removal	X		
Stabilizer Trim Actuator I/R after Jackscrew Fitting Inspection	X		
Vertical Aft Strut Mount - Installation / Removal			X