



Amphenol Air LB

Your Satisfaction. Everyday. Everywhere.

Interconnect solutions &
Attachment systems



Embedded solutions
for
MILITARY HELICOPTER



Brochure
09/20
V1.0

TYPICAL USE OF PRODUCTS PER APPLICATION

6 MAIN AVIONICS BAY

SIM / EN4165 CONNECTORS

Emergency floatation unit
In flight entertainment



SIM / EN4165 SHUNTED MODULES

Cockpit equipment
Pilot grips



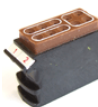
ABS1144 FIXING SYSTEM

Harness attachment



1100 SERIES DISTRIBUTION MODULES

Main harness



SIM / EN4165 METALLIC PLATE

Main avionics bay



5 POWER BAY

1750 DISTRIBUTION MODULES

Main harness



COMPOSITE RAIL

Tail boom



MIL-PRF-12883 RELAY SOCKETS

Electrical protection box



ABS1144 FIXING SYSTEM

Harness attachment



ABS1339 / ABS2195 FIXING SYSTEMS

Harness attachment for control boxes and avionics bays



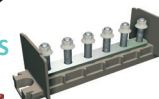
SIM / EN4165 SHUNTED MODULES

Main harness



TERMINAL BLOCKS - MONOBLOCK ASSEMBLIES

Power distribution unit



1765 COMPONENT CARRIER MODULES

Radar bay harness



1 CABIN LIGHTS HARNESS

SIM SPLICE

Cabin light control panel

SJS CONNECTORS / CRADLES

Cabin light control panel

SPLICES

Harness

SIM / EN4165 CONNECTORS

Emergency floatation unit
In flight entertainment

2 CONTROL/INSTRUMENT PANEL

SJS CONNECTORS / CRADLES

Cyclic pitch slick

SIM / EN4165 SHUNTED MODULES

Cockpit equipment
Pilot grips

SOCKETS FOR LIGHTS

Reconfiguration control unit

SUB D ABS1145 / ASNE0237

Cockpit equipment
Pilot grips

4 MAIN HARNESS

SIM / EN4165 CONNECTORS

Circuit breakers panel

SPLICES

Pilot grips

1708 PLATES

Nose avionics bay

FUSES HOLDER

Electrical protection box

1750 DISTRIBUTION MODULES

Dispenser connection boxes

3 NOSE AVIONICS BAY

1765 COMPONENT CARRIER MODULES

Main Harness

MIL-PRF-12883 RELAY SOCKETS

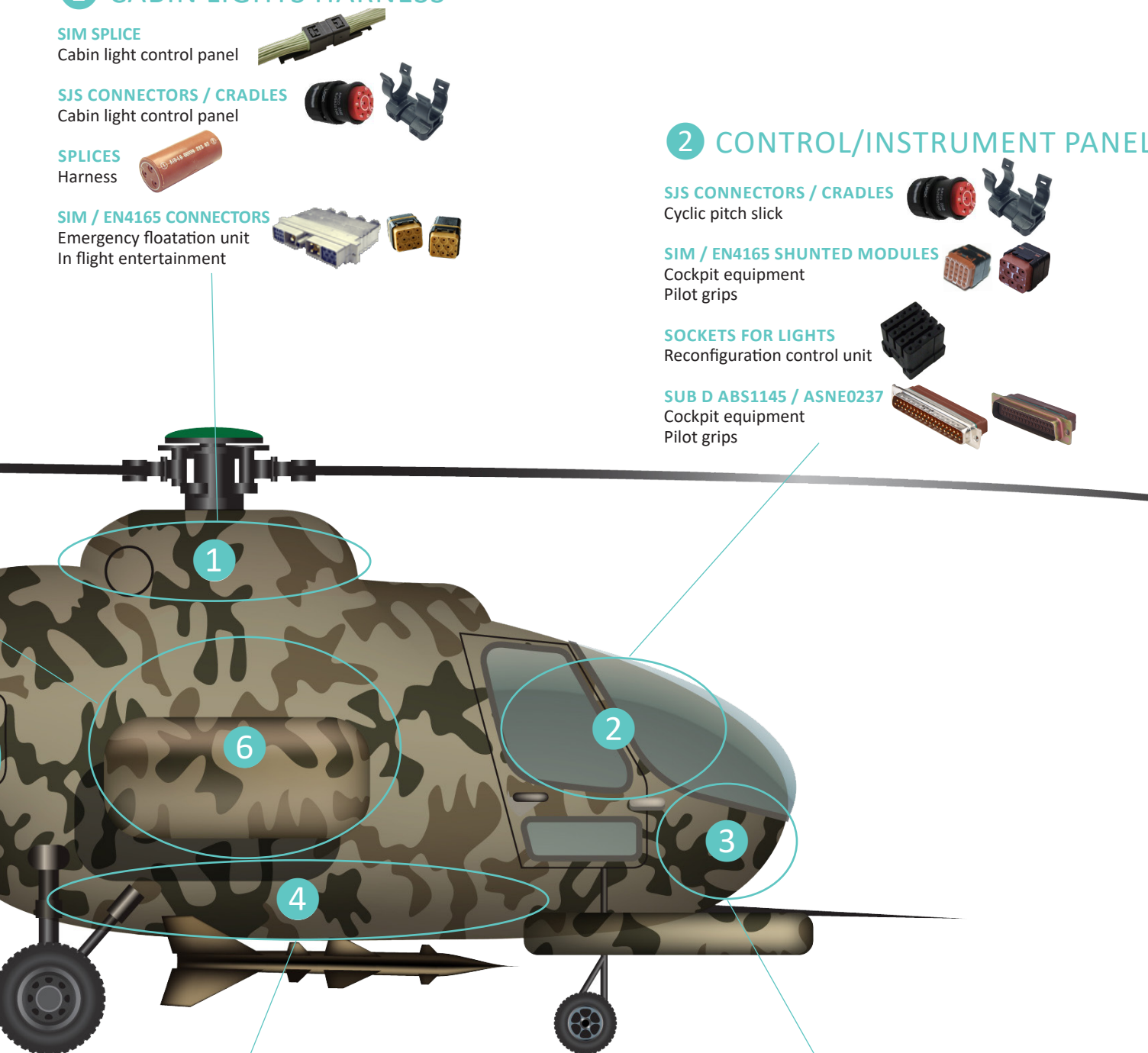
Control panel

MODULAR INTERCONNECTIONS PANELS (PIM)

Nose avionics bay

1900 / EN3545 CONNECTORS

Electrical power distribution box



TYPICAL USE PER PRODUCT RANGE

Our products are present in several embedded applications for military helicopters.

1100 series distribution modules

- Main harness 6

1750 distribution modules

- Dispenser connection boxes 4
- Main harness 5

Composte rail

- Tail boom 5

1765 component carrier modules

- Main harness 3
- Radar bay harness 5

MIL-PRF-12883 relay sockets

- Control panel 3
- Electrical protection box 5

Sockets for lights

- Reconfiguration control unit 2

ABS1339 / ABS2195 fixing systems

- Harness attachment for control boxes and avionics bays 5

ABS1144 fixing system

- Optional harness 5
- Harness attachment 6

SIM / EN4165 connectors

- Emergency floatation unit 1 / 6
- In flight entertainment 1 / 6
- Circuit breakers panel 4

SIM / EN4165 shunted modules

- Cockpit equipment 2 / 6
- Pilot grips 2 / 6
- Main harness 5

SIM / EN4165 metallic plate

- Main avionics bay 6

SIM splice

- Cabin light control panel 1

Sub D ABS1145 / ASNE0237

- Cockpit equipment 2
- Pilot grips 2

Terminal blocks - Monoblocks assemblies

- Power distribution unit 5

1900 / EN3545 connectors

- Electrical power distribution box 3

SJS connectors / Cradles

- Cabin light control panel 1
- Cyclic pitch slick 2

Fuses holder

- Electrical protection box 4

Splices

- Harness 1
- Pilot grips 4

Modular interconnections panels (PIM)

- Nose avionics bay 3

1708 plates

- Nose avionics bay 4

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