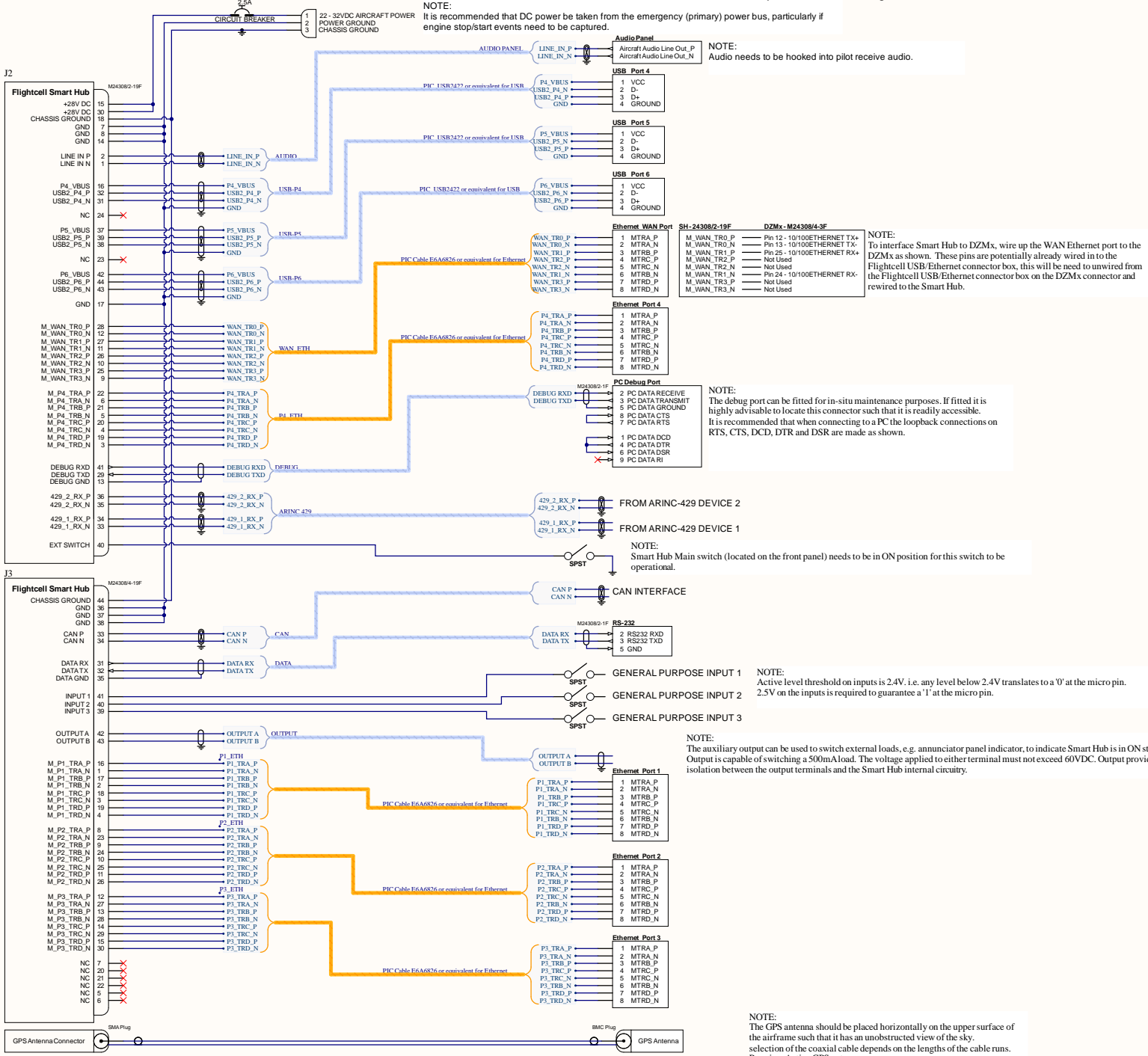
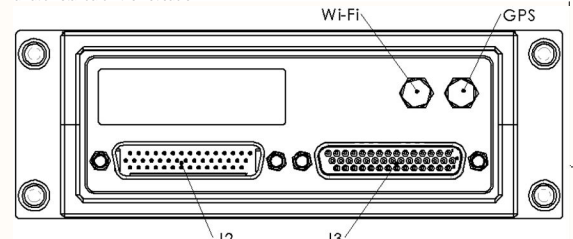


Smart Hub Complete Interconnect Drawings



- NOTES:**
- Aircraft power cable should be 2 parallel 22AWG (e.g. M22759/34-22-9) or a single 20AWG (e.g. M22759/34-20-9) stranded which splits of at the connector to two 22AWG wires. Connectors are limited to 22AWG wire. Other Cables Should be 22AWG Stranded, screened where indicated e.g. M27500/-24S2B14.
 - It is recommended that the power ground connections be run separately to a single earthing point, so as to minimise ground loops.
 - All USB cables should be aviation specific USB e.g. PIC_USB2422 or equivalent aviation standard USB cable
 - All Ethernet cable should be aviation specific Ethernet e.g. PIC Cable E6A6826 or equivalent aviation standard Ethernet cable



U2C Camera Cable Code

RED	VCC
WHITE	D-
GREEN	D+
BLACK	GROUND

- SYMBOL DESIGNATIONS:**
- SHIELDED PAIR SHIELD TERMINATED TO DC GROUND
 - SHIELDED PAIR SHIELD FLOATING
 - TWISTED PAIR
 - UNIT GROUND
 - WIRE SPLICE CONNECTION
 - COAXIAL CABLE

APPROVALS	DATE
DESIGN JJB	12/11/21
CHK'D RB	12/11/21
APP'D RB	12/11/21

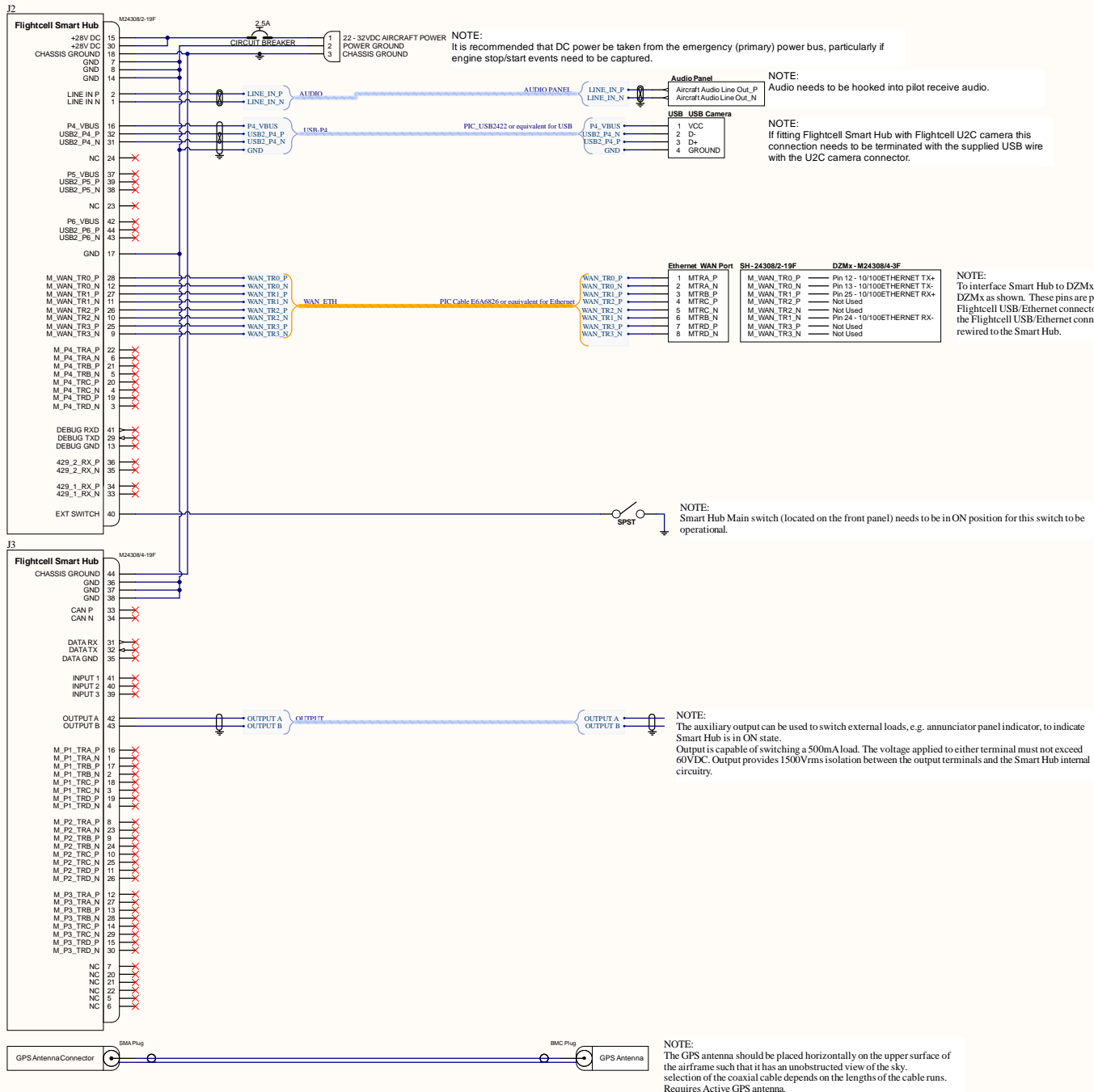
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Ph: +64 3 545 8652 www.flightcell.com

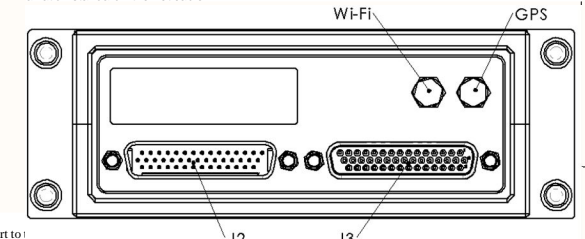
Product: Smart Hub
Sheet: SH Wiring Diagram 1 of 2
Issue: 2.0
Date: 06/09/21
Drawn By: Hannes Booyse
Filename: 114-000112_Compacta_SchDoc
Date: 06/09/2021 Drawing No.: 114-00012

REV	DESCRIPTION	DATE
2.1	HW-1871	21/11/21
2.0	HW-1804	18/10/21
1.0	Initial Drawing HW-1755	05/09/21

Smart Hub Simplified Interconnect Drawings



- NOTES:**
- Aircraft power cable should be 2 parallel 22AWG (e.g. M22759/34-22-9) or a single 20AWG (e.g. M22759/34-20-9) stranded which splits off at the connector to two 22AWG wires. Connectors are limited to 22AWG wire. Other Cables Should be 22AWG Stranded, screened where indicated e.g. M27500/-24SB2T14.
 - It is recommended that the power ground connections be run separately to a single earthing point, so as to minimise ground loops.
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U2C Camera Cable Code

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- SYMBOL DESIGNATIONS:**
- SHIELDED PAIR
 - SHIELD TERMINATED TO DC GROUND
 - SHIELDED PAIR
 - SHIELD FLOATING
 - TWISTED PAIR
 - UNIT GROUND
 - WIRE SPLICE CONNECTION
 - COAXIAL CABLE

APPROVALS	DATE
DESIGN JJB	12/11/21
CHK'D RB	12/11/21
APP'D RB	12/11/21

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Product: Smart Hub
Sheet: SH Wiring Diagram 2 of 2
Issue: 2.1
2.1 HW: 1871 2/11/21
2.0 HW: 1804 18/10/21
1.0 Initial Drawing HW: 1755 06/09/21

Filename: 114-00012 Simplified_SchDoc
Date: 06/09/2021 Drawing No: 114-00012

REV	DESCRIPTION	DATE
1		