

**APÉNDICE ESPECIFICACIÓN TÉCNICA – CONTENIDO DEL KIT DE MODERNIZACIÓN
TUCANO**

KIT "B" DE MODERNIZACIÓN

El Kit B de la aeronave está compuesto por los siguientes componentes:

Pantallas multifunción c/AHRS y componentes asociados (incluye EIS - Engine Indicating System):

ITEM	PART NUMBER	COMPONENTE	PROVEEDOR	FUNCIÓN	QTY	QTY 8 ACFT
1	010-01220-71	G600 TXi, AHRS (GDU1060)	GARMIN	EFIS	2	16
2	010-02004-15	LRU KIT (G600 TXi, INTEGRATED AHRS)	GARMIN	EFIS	2	16
3	010-01708-00	GMU44, Unit Only	GARMIN	EFIS		
4	010-01326-50	GDU 700/1060 ADC, G600 TXi, Unit Only	GARMIN	EFIS		
5	011-00978-00	Sub-Assy, GTP59	GARMIN	EFIS		
6	K11-00020-50	Install Kit, G500/G600 Txi	GARMIN	EFIS	2	16
7	011-04205-00	Sub-Assy, GMU44, Conn Ki	GARMIN	EFIS		
8	125-00437-00	Install Rack, Modified, GMU44	GARMIN	EFIS		
9	011-01779-01	Sub-Assy, Kit GMU44 Universal Mount	GARMIN	EFIS		
10	010-03716-10	Data Card, Txi, Database	GARMIN	EFIS	2	16
11	010-01477-4Q	G600 Txi Aerobatic Enablement	Garmin	EFIS	1	8
12	010-01477-40	G600Txi CHARTVIEW ENABLEMENT	GARMIN	EFIS	2	16
13	010-01477-4M (física)	G500/600 TXi, NV Enablement (2 GDUs)	GARMIN	EFIS	1	8
14	010-00852-01	GAD43E SYSTEM	GARMIN	EFIS	1	8
15	010-01405-05	GEA71B Enhanced	GARMIN	EIS	1	8
16	115-00658-00	GEA 71 Remote Mount	GARMIN	EIS	1	8
17	011-00796-00	Sub-Assy,Sgl BkPlt Key A,GEA71	GARMIN	EIS	1	8
18	011-00797-03	Sub-Assy,Conn Kit,SB,GEA71	GARMIN	EIS	1	8
19	011-00979-03	Sub-Assy,Config Mod, Potted	GARMIN	EIS	1	8
20	011-00981-00	Thermocouple Kit	GARMIN	EIS	1	8
21	010-01478-4C	G500/G600 Txi, Turbine EIS Enablement	GARMIN	EIS	1	8
22	APTE51CF-70D	Transductor de Torque (Opcional IPTE-51F-1000-70D)	KULITE	EIS	1	8
23	494-30032-00	Transductor de Presión de Aceite APT-20GX-1000-150G	KULITE	EIS	1	8

High Performance AHRS:

ITEM	PART NUMBER	COMPONENTE	PROVEEDOR	FUNCIÓN	QTY	QTY 8 ACFT
24	010-00816-01	GRS7800, Unit Only	GARMIN	AHRS	2	16
25	011-02342-00	Sub-Assy, GRS 7800 Remote Install Rack	GARMIN	AHRS	2	16
26	011-02343-00	Sub Assy, CONN Kit,GRS 7800	GARMIN	AHRS	2	16

Instrumentos de stand-by (Electronic Stand By Instrument – ESI):

ITEM	PART NUMBER	COMPONENTE	PROVEEDOR	FUNCIÓN	QTY	QTY 8 ACFT
27	010-02326-71	Kit, GI 275 ADAHRS NVIS, w/out Battery	GARMIN	ESI	1	8
28	010-01912-70	GI275 ADAHRS NVIS, Unit Only	GARMIN	ESI		
29	011-04809-01	Sub-Assy,Conn Kit 2, GI275	GARMIN	ESI		
30	K00-01190-00	Kit, Product Info, GI275	GARMIN	ESI		
31	010-02304-00	Battery Pack, GI275	GARMIN	ESI	1	8
32	010-01788-01	GMU 11, PMA	GARMIN	ESI	1	8
33	011-04349-90	Sub-Assy, GMU 11, Installation Kit	GARMIN	ESI	1	8
34	190-02246-01	GI275 Pilot Guide	GARMIN	ESI	1	8
35	010-02326-71	Kit, GI 275 ADAHRS NVIS, w/out Battery	GARMIN	ESI	1	8
36	010-01912-70	GI275 ADAHRS NVIS, Unit Only	GARMIN	ESI		
37	011-04809-01	Sub-Assy,Conn Kit 2, GI275	GARMIN	ESI		
38	K00-01190-00	Kit, Product Info, GI275	GARMIN	ESI		
39	010-02304-00	Battery Pack, GI275	GARMIN	ESI	1	8
40	011-00978-00	GTP59 OAT Probe Kit	GARMIN	ESI	2	16

NAV/COM/GPS/FMS con software apropiado para operación en tandem:

ITEM	PART NUMBER	COMPONENTE	PROVEEDOR	FUNCIÓN	QTY	QTY 8 ACFT
41	010-01999-63 115-01293-A0 011-02245-02 011-02325-02 011-00979-03 190-02327-03	GTN650H Xi NVG Capable	GARMIN	VHF/GPS/V OR/ILS	2	16
42	010-00878-04 (fisica)	16 Watt Comm Enablement	GARMIN	VHF/GPS/V OR/ILS	2	16
43	010-00878-01 (fisica)	TAWS-B Enablement	GARMIN	VHF/GPS/V OR/ILS	1	8
44	010-02044-10 (Americas)	DATACARD, GTN6XX/7XX DATABASE	GARMIN	VHF/GPS/V OR/ILS	2	16
45	050-023-0101	MB10R Marker Beacon Receiver (remote)	PS ENGINEERING	VHF/GPS/V OR/ILS	1	8

Instrumentos de motor de Stand-By:

ITEM	PART NUMBER	COMPONENTE	PROVEEDOR	FUNCIÓN	QTY	QTY 8 ACFT
46	CGR-30C-R01	GLASS PANEL ENGINE MONITOR (CGR-30C/EDC-33T/PT-100GA)	EI	EIS BACK UP	1	8

Transponder remoto ADS-B In/Out:

ITEM	PART NUMBER	COMPONENTE	PROVEEDOR	FUNCIÓN	QTY	QTY 8 ACFT
47	010-01217-05 115-01771-01/011-03762-00 011-02976-00/011-02976-10 011-02977-01 011-00979-03 190-01499-00	GTX-345R	GARMIN	ADSB OUT/ IN TRANSPOND ER	1	8

Detector de condiciones meteorológicas adversas (Stormscope):

ITEM	PART NUMBER	COMPONENTE	PROVEEDOR	FUNCIÓN	QTY	QTY 8 ACFT
48	805-11500-001	WX-500 STORM SCOPE	L3 HARRIS	STORMSCOP E SENSOR	1	8
49	817-11500-001	INSTALL KIT	L3 HARRIS	STORMSCOP E SENSOR	1	8

Sistema de alerta de tráfico completo (TAS):

ITEM	PART NUMBER	COMPONENTE	PROVEEDOR	FUNCIÓN	QTY	QTY 8 ACFT
50	010-00962-00	GTS 825 LRU - Unit only	GARMIN	TAS	1	8
51	011-1360-11		GARMIN	TAS	1	8
52	011-02572-00	Traffic System Connector Kit	GARMIN	TAS	1	8
53	010-10720-00	Traffic System Vertical Fixed-wing Installation Rack	GARMIN	TAS	1	8
54	011-01364-10	GA 58 directional antenna (optional, QMA connector)	GARMIN	TAS	1	8
		QMA Right Angle Connector Kit (4 pieces)				

Sistema de Audio:

ITEM	PART NUMBER	COMPONENTE	PROVEEDOR	FUNCIÓN	QTY	QTY 8 ACFT
55	0638.064 921 0661.902 277 0661.996 277	AMU6500 Audio System	Becker Avionics	VHF/GPS/V OR/ILS	2	16

Luces de navegación/strobe de puntera y de navegación/strobe de cola NVIS/IR:

ITEM	PART NUMBER	COMPONENTE	PROVEEDOR	FUNCIÓN	QTY	QTY 8 ACFT
56	AVE-NPSIRSUD-G Mod(2)	AVEO-StealthViz Green	AVEO	NAVIGATIO N LIGHT	1	8
57	AVE-NPSIRSUD-R Mod(2)	AVEO-StealthViz Red	AVEO	NAVIGATIO N LIGHT	1	8
58	AVE-POSWI74G-412 Mod(1)	AVEO-Pegatron Dual Dimming	AVEO	NAVIGATIO N LIGHT	1	8

59	AVE-PPSPSYW-T01	Aveo Position & Strobe Light	AVEO	NAVIGATION LIGHT	1	8
60	AVE-FLILOMIG-M01	AVEO Formation Light	AVEO	FORMATION LIGHT	8	64

Luces de panel NVIS/IR:

ITEM	PART NUMBER	COMPONENTE	PROVEEDOR	FUNCIÓN	QTY	QTY 8 ACFT
61	LED-56-11-SA1-E2WWA	WARNING	Applied Avionics	CONTROL	2	16
62	LED-56-11-SA1-E2WWB	CAUTION	Applied Avionics	CONTROL	2	16
63	LED-52-11-SA1-E2WWW	FIRE	Applied Avionics	CONTROL	2	16
64	LED-52-11-KA2-E2WWX	ADF FW/REAR	Applied Avionics	CONTROL	2	16
65	LED-52-11-SA1-E2WX0	UC	Applied Avionics	CONTROL	2	16
66	LED-50-17-HA1-E2Y5K	FRENO ESTACIONAMIENTO	Applied Avionics	CONTROL	1	8
67	18-194	Install Kit	Applied Avionics	CONTROL	11	88
68	18-219	CRIMP SOCKET PIN	Applied Avionics	CONTROL	120	960

Antenas GPS, de tráfico y de detección de condiciones meteorológicas:

ITEM	PART NUMBER	COMPONENTE	PROVEEDOR	FUNCIÓN	QTY	QTY 8 ACFT
69	805-10930-001	ANTENNA NY 163	L3 HARRIS	STORMSCOPE SENSOR	1	8
70	803-10950-005	ANTENNA CABLE ASSY	L3 HARRIS	STORMSCOPE SENSOR	1	8
71	BT2GPS-2DC	GPS 1x2 Standard Splitter	FALTECH	VHF/GPS/VOR/ILS	2	16
72	CI 2680-200	VHF/GPS Combination	COMANT	VHF/GPS/VOR/ILS	1	8
73	CI 139	VHF Communications	COMANT	VHF/GPS/VOR/ILS	1	8
74	013-00244-00	GA36 GPS/WAAS ANTENNA (WHITE)	GARMIN	VHF/GPS/VOR/ILS	1	8
75	013-00112-00	Mini-Circuits ZFSC-2-1B+BNC SPLITTER	GARMIN	VHF/GPS/VOR/ILS	1	8
76	010-10720-00	GA 58 directional antenna (optional, QMA connector)	GARMIN	TAS	2	16
77	011-01364-10	QMA Right Angle Connector Kit (4 pieces)	GARMIN	TAS	1	8
78	011-01364-11	QMA Right Angle Connector Kit (4 pieces)	GARMIN	TAS	1	8

Elementos Misceláneos:

ITEM	PART NUMBER	COMPONENTE	PROVEEDOR	FUNCIÓN	QTY	QTY 8 ACFT
79	880A-28	M880A Clock NVIS	DAVTRON	CLOCK	2	16
80	PAI700-28	Lighted Compass	Precision	COMPASS	2	16
81	PAI-28V	PAI 700 28V WHITE LIGHT ASSEMBLY	Precision	COMPASS	2	16
82	010-01322-01	Flight Stream 510 Standard	GARMIN	VHF/GPS/VOR/ILS	1	8
83	iPad	Ipad	Apple	Navegación	1	8

Bases de Datos:

ITEM	PART NUMBER	COMPONENTE	PROVEEDOR	FUNCIÓN	QTY	QTY 8 ACFT
84	PSPP-STD001-AMR	Americas Standard PilotPak	Garmin	Navegación	1	8
85	GP-ADD-PR1Y-LA	Garmin Pilot Latin America Premium	Garmin	Navegación	1	8
86	GP-SUB-STD1Y-LA	Garmin Pilot Latin America Standard	Garmin	Navegación	1	8
87	EUASSA43	Southern South America Digital Chart Services	Jeppesen	Navegación	1	8