

Appendix 2

Approved equipment

Introduction

**Commonwealth of Australia
Department of Aviation
Airborne Radio Equipment Classification Publication**

1. Introduction

1.1 - Air Navigation Regulations require that airborne radio equipment used in connection with aircraft operations shall be a type approved by the Secretary of the Department of Aviation. This publication lists radio equipment which is approved for use in Australian registered aircraft, and assigns operational and environmental classifications to each approved item.

1.2 - The symbol used in the classification are described herein and will assist the user in assessing the suitability of equipment for a particular operation and installation. Air Navigation Order 103.21 deals fully with the subject and should be consulted if more complete information is required.

1.3 - This publication does not purport to list all radio equipment which is acceptable for use on aircraft. Enquiries regarding any equipment which is not listed should be directed to the nearest Regional Office of the Department.

1.4 - This publication will be kept up to date by means of an amendment service when classifications are amended, and new equipment is added. Holders who wish to receive amendments must make formal request to: -

Secretary,
Department of Aviation,
P.O. Box 367,
Canberra City A.C.T. 2601

AUSTRALIA

Attention: A.W.E.E.

1.5 - Holders are requested to advise any change of address.

1.6 - Holders who have applied for amendments prior to the release of this issue of Publication 50 need not apply again.

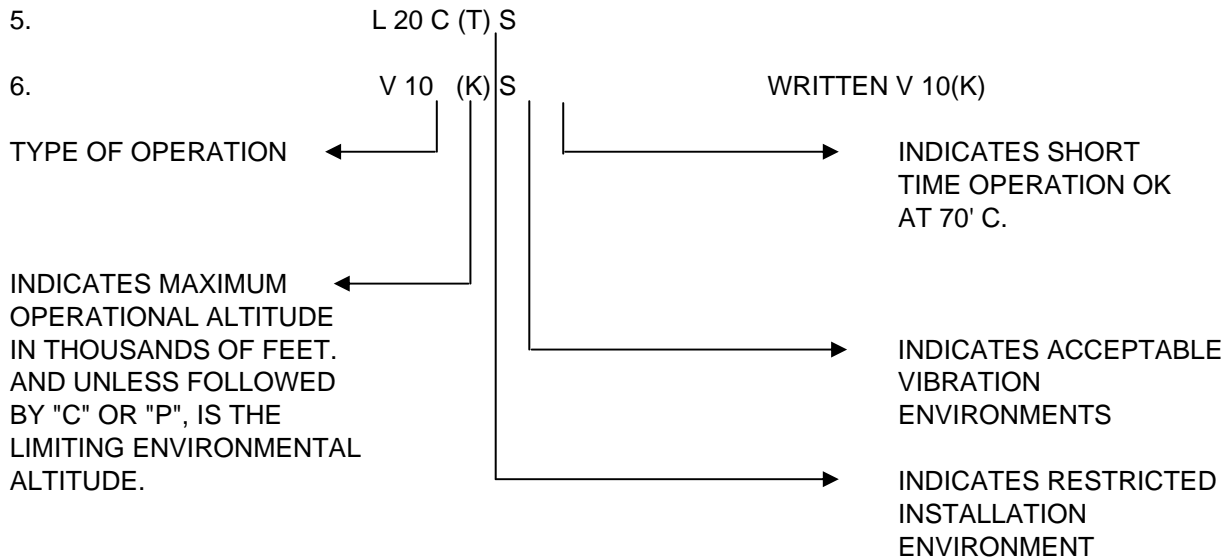
Introduction

2. Equipment Classifications

2.1 - Equipment is classified to indicate conditions and limitations of its use. A "classification" consists of an operational rating based on the suitability of the equipment for a type of operation, and places an altitude limitation on the equipment. It also consists of an environmental rating which indicates the limiting climatic and vibration conditions that may be imposed on the equipment.

Examples of a Classification.

- | | | |
|----|------------------------------|--------------------------------------|
| 1. | I 30 (K) S | WRITTEN I 30(K) S |
| 2. | I 45 (JL) S | WRITTEN I 45(JL) S |
| 3. | I 45 (<u>LO</u>) S
(JN) | WRITTEN I 45 (<u>LO</u>) S
(JN) |
| 4. | I 40 P (<u>T</u>) S
(N) | WRITTEN I 40 P (<u>T</u>) S
(N) |



2.2 - Operational Rating

The first symbol indicates the type of operation for which the performance characteristics of the equipment are suitable.

I . . . Instrument Flight Rules (IFR)

L . . . Limited Instrument Flight Rules (LIFR)

Note: LIFR was abolished on 3 May 1990. Aircraft equipped to LIFR on that date were allowed to operate under the IFR provided they continued to be maintained to IFR standards.

V . . . Visual Flight Rules (VFR), and includes operation under Night Visual Meteorological Conditions. (NVMC)

I ratings include L and V ratings, and L ratings include V ratings within environmental limitations.

The second two symbols multiplied by 1000 indicates the maximum altitude in feet for which the performance characteristics are suitable.

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2.3 Environmental Rating

2.3.1 - Climatic Environment Rating

The second two symbols of the classification, unless followed by the letter "C" or "P" also indicates the limiting altitude environment and corresponding temperature minimas in which the equipment may be operated.

2.3.2 - The letter "C" added to a rating indicates that approval is conditional upon the equipment being installed in a location in which the temperature will not fall below -5°C. This will normally apply to equipment which is mounted in the aircraft cabin or cockpit, e.g. indicators control units and directly controlled equipment.

2.3.3 - The letter "P" added to a rating indicates that approval is conditional upon the equipment being installed in a pressurised or otherwise controlled environment in which the pressure is not less than that equivalent to 15,000 feet, and the temperature range is within the limits of -15°C. and +55°C.

Note. - The maximum altitude rating for equipment which has a "P" rating only, but is installed in a non-pressurised aircraft, or in a non-pressurised area is 15,000 feet. However, equipment may have a dual classification, e.g. I30(J)S/I40P(J)S, and in this case, the I30 rating takes precedence over the 15,000 feet limitation.

Note. - Only in recent years have manufacturers sought both a pressurised and non-pressurised rating. The usual rating was non-pressurised. Throughout this publication, where a rating of I45 and above has been granted, a "P" rating of 40,000 feet may be assumed unless stated otherwise.

2.4 - Vibration Ratings

2.4.1 - The letter/s which are enclosed in brackets express the vibration characteristics to which equipment has been subjected without detriment by the manufacturerers. It also represents the maximum degree and type of vibration which should exist at the location where equipment is intended to be installed. The letters and vibration characteristics used are identical to those described by the Radio Technical Commission for Aeronautics (RTCA) in their Document No. DO-138.

2.4.2 - Two letters within brackets (see example 2) indicate suitability of the equipment in environments which are different, but not necessarily of different severity.

2.4.3 - Equipment may be qualified for a rating without shockmounts and another when shockmounted. The differentiation is shown at example 4 where the rating for equipment without shockmounts is above the line, and that with shockmounts is below the line. The example at 3 illustrates a dual rating for equipment both with an without shockmounts.

2.4.4 - Vibration ratings have been categorized by aircraft types and locations therein at appendix 1, and vibration characteristics of each rating are listed at appendix 2.

2.4.5 - Equipment may be installed in accordance with appendix 1, or in locations where vibration characteristics within the relevant rating have been demonstrated.

2.4.6 - Additional "severe vibration" ratings G, H and I, which are not related to particular

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aircraft types or location therein are also used. Information regarding test procedures for these ratings is contained in Air Navigation Order 103.21.

Note. - Although vibration tests are not specified for equipment which is approved for VFR operations only (operational rating "V), a vibration rating, based on an assessment of equipment capability or manufacturers recommendations is given for such equipment. This vibration rating should be treated as advisory, rather than a firm limitation.

2.5 Short Time High Temperature Rating

2.5.1 - The letter "S" following the bracketed vibration rating indicates that the equipment will perform satisfactorily for at least 30 minutes in an area where the ambient temperature is as high as 70°C.

Note: - This temperature will be reached frequently when aircraft are parked in direct sunlight for an extended period. Some transistorized equipment which does not have an "S" rating may be expected to be non-operative at 70°C.

2.5.2 - For equipment which does not have an "S" rating and the likely operation of the aircraft is such that ambient temperature at the radio equipment may reach 70°C, it may be necessary to provide a supply of cooling air to the equipment prior to the commencement of take-off.

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Appendix 1

Categorization of aircraft vibration characteristics by aircraft types and locations there-in. 1.

Aircraft Description	Instrument Panels (Vibration Protected or Otherwise) and Isolated Racks	Fuselage Mounted Equipment Racks	Fuselage Mounted	Engine Nacelles and Mounts	Wings Empennage and Wheel Wells
Piston and Turbine Engine Rotary Wing Aircraft.	P	N	N	V	V
Turbine Engine Fixed Wing Aircraft 2.	K	O	J	R	S
Piston Engine Fixed Wing Aircraft. Heavy Multi-Engine Type(over 12,500 lbs)	M	M	L	U	T
Piston Engine Fixed Wing Aircraft. Light Multi-Engine Type. (under 12,500 lbs)	M	M	M	L	L
Piston Engine Fixed Wing Aircraft Light Single Engine Type (under 12,500 lbs)	M	M	M	M	M

1. The difficulty in reading a vibrating display, when the total excursion exceeds 0.02 inches will not be regarded as a disqualifying factor.

2. Supersonic, subsonic, turbo-prop and turbo-jet aircraft.

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Appendix 2

Vibration Characteristics of Categories in Table

Category J - Constant total excursion of .020" from 5 to 2000 Hertz with a maximum acceleration of 3G.

Category K - Constant total excursion of .010" from 5 to 2000 Hertz with a maximum acceleration of 0.25G.

Category L - Constant total excursion of .020" from 5 to 55 Hertz with a maximum acceleration of 3G.

Category M - Constant total excursion of .010" from 5 to 55 Hertz with a maximum acceleration of 1.5G.

Category N - Constant total excursion of 0.10" from 5 to 55 Hertz, with a maximum acceleration of 1.0G. Constant acceleration of 1.0G from 55 to 2000 Hertz.

Category O - Constant total excursion of 0.10" from 5 to 55 Hertz with a maximum acceleration of 1.5G; and a constant acceleration of 0.25G from 55 to 2000 Hertz.

Category P - Constant total excursion of 0.10" from 5 to 55 Hertz with a maximum acceleration of .025G from 55 to 2000 Hertz.

Category R - Constant total excursion of .030" from 5 to 350 Hertz with a maximum acceleration of 5G. Constant total excursion of .0008" from 350 to 2000 Hertz with a maximum acceleration of 10G.

Category S - Constant total excursion of .036" from 5 to 2000 Hertz with a maximum acceleration of 10G.

Category T - Constant total excursion of .036" from 50 to 500 Hertz with a maximum acceleration of 10G.

Category U - Constant total excursion of .10" from 5 to 150 Hertz with a maximum acceleration of 20G.

Category V - Constant total excursion of .400" from 5 to 200 Hertz with a maximum acceleration of 2G.

Transponders

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
ARC (Aircraft Radio Corp)	106-A				
	Cessna 800	Transponder	RT-106A	I 30(L) S	For transponders having Serial No. 275 onwards. Those prior to 275 are not approved
	Modes A & C	Control	C-106A/B	I 30(M) S	
		Antenna	A-109A	I 30(J) S	
	359A				
	Cessna 300	Transponder	RT-359A	I 15(P)/I 20P(P)	
	Modes A & C	Antenna	A-109A	I 30(J) S	
	360A				
		Transponder	RT-360A	I 15/I 35C/I 40P(KMP) S	
	(Comant)	Antenna	CI-105	I 50(JLN) S	
	(Bendix)	Antenna	AT-662A	I 30(N) S	
	459A				
		Transponder	RT-459A	I 40P(P)	
	Modes A & C	Antenna	A-109A	I 35(J) S	
	506A				
	Cessna 400	Transponder	RT-506A	I 30(L) S	A - 14 volt models prior to 501 and 28 volt models prior to 1467 are not approved.
					B - Add note to Aircraft Flight Manual Supplement stating "LOW SENS" position on the control should not be used
	859A				
		Transponder	RT-859A	I 15()/I 40P(P)	

Transponders

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	Modes A & C	Antenna	A-109A	I 35(J) S	
	1060A				
	Modes A & C	Transponder	RT-106A	I 15/I 35C/I 40P(KMP) S	
Becker Flugfunkwerk GMBH					
	ATC 2000				
		Receiver	ATC 2000	I 15/I 35C/I 40P(MN) S	
		Antenna	ANT 2000	I 50(MN) S	
Bendix Avionics					
	RPT-600				
		Transponder	TR-601A/B	I 30(M) S	
		Control	CN-602A/B	I 30(M) S	
		Antenna	AT-604A	I 30(M) S	
	TPR-610				
	Modes A and C	Transponder	TR-611A/B/C/D	I 20C(P)	
	TPR-640				
	(Trophy Line)	Transponder	TR-641A)	I 30P(MP)/	
	Modes A & C	Transponder	TR-641B)	I 20C(MP)	
	TPR-660				
	Modes A & C	Transponder	TR-661A	I 30(N) S	Classification applies to units P/N's 4000526-6101 and 4000526-6103
	Mode B	Transponder	TR-661A	I 15(N) S	Classification applies to units P/N's 4000526-6102 and 4000526-6104
	CAPABILITY	Antenna	AT-662A	I 30(N) S	
	TPR-710				

Transponders

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Transponder	TPR-710()	I 50(JN) S	
		Control	DTP-712	I 15/I 50C(KP) S	
	TPR-720				
	(S)	Transponder	TPR-720	I 50(JN)S	
	TPR-2060				
		Transponder	TPR-2061A	I 30(N) S	
		Antenna	AT-2062A	I 30(N) S	
	TRA-61				
		Transponder	TRA-61()	I 35/I 40P(X) S (J)	
		Shockmount	MSA-61	I 50(J) S	
		Control	CAN-61 A/C/D	I 50(J) S	
		Antenna	ANA-39/61()	I 50(J) S	
	TRA-63A				
	Modes A, B and C	Transponder	TRA-63A)	I 45(O) S/I 40P(O) S (J) (J)	
		Control	CAN-63A)	I 45(O) S/I 40P(O) S (J) (J)	
		Antenna	ANA-29/61A)	I 45(O) S/I 40P(O) S (J) (J)	
	TRS-42				
		Transponder	TR-421A/B	I 50(MNO) S	
		Control Display	CD-422A/B	I 15/I 50C(KMP) S	
Collins Avionics					
	621A-3				
	Modes A, B and C	Transponder	621A-3	I 30(J) S	
		Antenna	237Z-1	I 30(J) S	
		Control		I 30(J) S	
	621A-6 Ser				

Transponders

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	Modes A, B and C	Transponder	621A-6)	I 45(LO) S/	
		Transponder	621A-6a)	(JN)	
		Antenna	237Z-1)	I 40P(LO) S/	
	TDR-90				
		Transponder	TDR-90)	I 45(JN) S/	
				(G)	
		Control	613L-3)	I 40P(JN) S	A note is required in the Radio Section of the aircraft Flight Manual Supplement stating that "LOW SENS" position on the control should not be used
				(G)	
		Antenna	237Z-1)	I 45(J) S	
		Control	CTL-()	I 15/I 35C/I 40P(KMP) S	
		Tuning Adaptor	CAD-870G	I 50 (JN)S	
	TDR-950				
	Modes A and C or B and C	Transponder	TDR-950/950L	I 30(P)/I 40P(P)	
Cossor Electronics Ltd					
	SSR1600				
		Transponder	SSR1600	I 40(J)	
		Controller	SSR1601	I 40(J)	
		Antenna	OMNI-100B	I 40(J)	
	SSR2100				
	Modes A, B and C	Transponder	SSR2100	I 20(L)/I 40P(L)	
		Control	SSR2101	I 20(L)/I 40P(L)	
	SSR2700				
	Modes A and C	Transponder	SSR2700	I 20/I 30P(N) S	
EDO-AIRE					
	RT-667				

Transponders

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Transponder	RT-667	I 30C(P)/I 40P(P)	
		Transponder	RT-667(A)	I 30C(P)/I 40P(P)	
		Power Supply	PS-667	I 30C(P)/I 40P(P)	
		Antenna			
	RT-777				
		Transponder	RT-777	I 15(P)/ 40P(P)	
		Power Supply	PS-667	I 15(P)/ 40P(P)	
General Aviation Electronics					
	BETA/5000				
		Transponder	BETA/5000	I 40P(P)	
		Antenna	LAMBDA/1000	I 40(N)	
		Power Converter	PSI/1	I 40P(N)	
King Radio Corporation					
	KT-75				
	Modes A and C	Transponder	KT-75	I 20C(K)/I 30P(K)	
		Transponder	KT-75R	I 20C(T)/I 30P(T)	
		Control	KFS-575	I 20C(K)/I 30P(K)	
		Antenna	KA-28	I 30(J)	
	KT-76 Series				
	Cessna CC-316A	Transponder	KT-76	I 20C(P)/I 40P(P)	Modes A and C
		Transponder	KT-76A	I 30C(P)/I 40P(P)	Modes A and C
		Transponder	KT-76B	I 20C(P)/I 40P(P)	Modes A, B and C
		Antenna	KA-48	I 30(N)	
	KT-78 Series				
	Modes A and C	Transponder	KT-78	I 20C(P)	
		Transponder	KT-78A	I 15(P)	
	Cessna CC-317A	Antenna	KA-48	I 30(N)	
	KT-79 Series				
	Modes A and C	Transponder	KT-79	I 15/I 40P/I 50C(KMP) S	
		Antenna	KT-60	I 50(JN) S	

Transponders

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	KXP-750/750A				
	Modes A and C	Transponder	KXP-750A	I 30(N) S/I 40P(N)	
		Control	KFS-570A	I 30(T) S/I 40P(T)	
		Antenna	KA-27	I 30(N) S	
		Duplexer	KA-19/29	I 30(N) Si/I 40P(N)	
		Altimeter	KRA-580		Compatible equipment
		Altimeter	KRA-585		Compatible equipment
	KXP-755				
		Transponder	KXP-755	I 45(J) S	
		Control	KFS-570B	I 45(J) S	
		Control	KCU-578	I 15(P)/I 40P(P)	
		Antenna	KA-53	I 45(J) S	
	KXP-756				
		Transponder	KXP-756	I 70(MNO) S	
		Control	KFS-576	I 15/I 40P/I 50C (KMP) S	
		Antenna	KA-60	I 50(J) S	
	KXP 7500				
		Transponder	KXP-7500	I 30/I 40P(LO) S	
Narco Avionics					
	AT6-A				
	(Flight Guard)	Transponder	P/N 01107-101	I 20(J) S	Chassis numbered CN 169A1 and later, or CN 169B and later are approved. Chassis numbered prior to CN 169A1 or CN 169B not approved
	Modes A and C	Control	P/N 01106-101	I 20(T) S	
		Antenna	UDA-3	I 30(N) S	
	AT 50				
	Modes A and C	Transponder	AT 50	I 20C(K)	
		Antenna	AT 50	I 30(J)	
	AT 50A				

Transponders

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	Modes A and C	Transponder	AT 50A	I 30P(K) S/I 20C(K) S	
		Antenna	AT 50A	I 30(J)	
	AT 150 TSO				
		Transponder	AT 150 TSO	I 30C (P)/I 30P(P)	
		Converter	MP 10	I 30(NL) S/I 40P(NL) S	
		Antenna	A 150	I 30(J)	
	UAT-1				
		Transponder	UAT-1	I 30(N) S	A) A note is required in the Radio Section of the aircraft Flight Manual stating that "The LOW SENS position on the function selector should not be used"
					B) When on shockmount. On hardmount, rating is I 30(J) S
		Control	UTC-1	I 30(N) S	
		Control	UTC-2	I 30(N) S	
		Antenna	UDA-3	I 30(N) S	
RADAI R					
	RADAI R 250				
	Models A and C	Transponder		250 I 30(J) S/I 40P(JN)	
		Antenna	CI 101	I 30(J) S	
R.C.A.					
	AVQ-65				
	Modes A, B and C	Transponder	MI-592019	I 30(N) S	A note is required in the Radio Section of the aircraft Flight Manual Supplement stating that "the LOW SENS position on the control should not be used"
		Transponder	MI-592062	I 30(N) S	
		Control	MI-592031	I 30(N) S	
		Control	MI-592031-1	I 30(N) S	
		Antenna	MI-591089-1	I 30(N) S	

Transponders

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Shockmount	MI-592028		
		Shockmount	MI-592059		
	AVQ-95				
	Modes A and C	Transponder	MI-585019	I 45(J) S	
		Control	MI-585020	I 45(J) S	
		Antenna	MI-591089-1	I 45(J) S	
Sperry Flight Systems					
	TP-114B				
	Modes A and C	Transponder	1014B	I 45(J) S (N)	
		Control		97707 I 45(J) S	
		Antenna		247813 I 45(J) S	
Terra Corporation					
	TRT 250				
	Modes A and C	Transponder	TRT 250	I 15/I 50C(KMP)S	
Wilcox Electric					
	814B				
	Modes A and C	Transponder	814B	I 40P(N)	A note is required in the Radio Section of the aircraft Flight Manual Supplement stating that "The LOW SENS" position on the control should not be used
		Control	97644-100	I 40P(N)	
		Antenna		97403 I 40(N)	
		Rack	88372-100		
		Alt Sensor	97646-100		
	1014A				
	Modes A and C	Transponder	1014A		
		Control	97707-	I 45(J) S (N)	

Transponders

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Dual Adaptor	1080		
		Antenna	247813		
	1014B				
	Modes A and C	Transponder	1014B	I 45(J) S (N)	
		Antenna	247813	I 45(J) S	
		Control	97707	I 45(J) S	

Audio

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
AIRCOM (Airborne Communication Service)					
	Aircom				
	ICA 1-14	Intercom Amp	ICA 1-14	V 10(L)	
	Aircom 1B-14	Intercom Amp	ICA 1B-14	V 10(L)	
Alpha Electronics					
	TTSA 4/4				
		Speaker Amp	TTSA 4/4	V 10(L)	
ARC (Aircraft Radio and Control) (formerly Aircraft Radio Corporation)					
	F-11A	Isolation Amp	F-11A	I 30P(T)	
	F-16A	Audio Amp	F-16A	I 40(T) S	
	F-17A	Speaker Amp	F-17A	I 30(T) S	
	F-18A	Isolation Amp	F-18A	I 30(T) S	
	F-19 Series	Isolation Amp	F-19A/B	I 30(T) S	
Amalgamated Wireless A/sia Ltd					
	ACA/ACS Series				
		Selector Box	ACA-1A, 1B, 1C	I 30(L)	
		Station Box	ACS-1, -1A/D	I 20(L)	
		Amplifier	ACG-1	I 20(L)	
		Isolation Amp	ACA-2	I 20(L)	
		Amspeaker	ACS-2/2A	I 20(L)	
Baker Electronics Inc					

Audio

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	M1035-()				
		Audio System	M1035-()	I 15/I 40P(S) S	
	M1045-()				
		Audio System	M1045-()	I 15/I 40P(S) S	
	M1050				
		PA/Chime Amp	M1050	I 35C/I 40P(K) S	
	M1052-()				
		Interphone Amp	M1052-()	I 15/I 40P(S) S	
Becker Flugfunkwerke GMBH					
	AL-3	Audio Cont./Intcom	AL-3	V 10()	
	AS 3100	Audio Sel./Intcom	AS 3100	I 15/I 50C(MN)S	
Bendix Avionics					
	ACS-45	Audio Control	AS-451A/B	I 15/I 50C(KMP) S	
	AMA-11A	Interphone Amp	AMA-11A	I 30(T) S	
	ASA-31	Audio Sel/Amp	ASA-31A/B	I 30(T) S	
	AS-248A	Audio Sel/Panel	AS-248A	I 20(K)	For IFR operations, carriage of a headset is mandatory
	AS-905A	Audio Sel/Panel	AS-905A	I 20(K)	
	AS-2015A	Audio Sel/Panel	AS-2015A	I 35(MN) S	
	LA-17BT	Audio Amp	LA-17BT	I 30(T) S	
		102 Audio Amp	102A/B	I 30(T) S	
S G Brown Com Ltd					
	B691	Station Box	B691	I 25/I 35C(K) S	
Collins Avionics					
	346A-1	Isolation Amp	346A-1	I 40(T) S	
	346B-1	Isolation Amp	346B-1	I 40(T) S	

Audio

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	346B-3	Audio Control Centre	346B-3	I 45(T) S	
	346D-1	P A Amplifier	346D-1/A/b	I 45(T) S	
	346D-2()	P A Amplifier	346D-2()	I 50(JN) S	
	356C-1/2/4	Isolation Amp	356C-1/2/4	I 45(T) S	
	356C-5	Audio Compensator	356C-5	I 45(T) S	
	356D-1	Speaker Amp	356D-1	I 45(T) S	
	356F-1/2/3	Speaker Amp	356F-1/2/3	I 45(T) S	
	387C-4	Audio Control	387C-4	I 45(T) S	
	AMR-350/350H	Audio/Marker	AMR-350/350H	I 30C(P)/I 40P(P)	
	AUD-250/250H	Audio Panel	AUD-250/250H	I 30C(P)/I 40P(P)	
	AUD-251H	Audio Panel	AUD-251H	I 15(P)/I 40P(P)	
	ICS-101	Intercom	ICS-101	I 50(T) S	
	PAU-700	P A Amplifier	PAU-700	I 50(JN) S	
EDO-AIRE					
	A-550				
		Audio Amp & Selector	A-550	V 15(P)	
	AM-550	Audio Amp, Selector & Marker	AM-550	V 15(P)	
	AMP-660	Audio Amp, Selector & Marker	AM-660	I 15(P)	
David Clark Co					
	ISOCOM	Intercom Vox	ISOCOM	V 15(K)	
Electrodelta Inc					
	AA-108	Control & Amp	AA-108	I 30C(K)	
	ASP-310	Control Panel & Amplifier	ASP-310	I 30C(K)	

Audio

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Gables Engineering Inc					
	G-515BA	Cockpit Amp & Speaker	G-515BA	I 40P(K)/I 15(K)	
	G-610-11	Intercom Amp	G-610-11	I 40P(K)/I 15(K)	
	G-708-11	Interphone Amp	G-708-1	I 40P(K)/I 15(K)	
	G-725	Microphone Amp	G-725	I 40P(K)/I 15(K)	
	G-1435	P A Amp	G-1435	I 40P(K)/I 15(K)	
	G-2389E	Audio Cont Panel	G-2389E	I 40P(K)/I 15(K)	
GEM Radio (Milano)					
	AG-06-1	I/Com & Audio	AG-06-1()	I 20(K) S	
Genave (General Aviation Electronics)					
	TAU/80	Audio Amplifier	TAU/80	V 10(K)	
	TAU/81	Audio Amplifier	TAU/81	V 10(K)	
	TAU/100	Audio Control	TAU/100	V 10(K)	
King Radio Corporation					
	KA-10	Isolation Amp	KA-10	V 10(K)	
	KA-11	Isolation Amp	KA-11	V 10(K)	
	KA-25	Isolation Amp	KA-25	I 20(J) S/I 30P(J) S	
	KA-25A	Isolation & Speaker Amp	KA-25A		
	KA-119	Audio Cont Panel	KA-119	I 15(P) I 40P(P)	
	KA-134	Audio Cont Panel	KA-134	I 50(MP) S	
	KAA-445	Audio Control	KAA-445	I 45(T) S	
		Audio Control System	KAA-455	I 40(N) S	
	KMA-12 Series	Audio Amp/Marker	KMA-12, -12B	V 10(K)	

Audio

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	KMA-20 Series	Audio Control Marker	KMA-20	I 25C(K)/I 40P(K)	
		Audio Control Marker	KMA-20-01	I 25C(K)/I 40P(K)	
		Audio Control Marker	KMA-20-02	I 25C(K)/I 40P(K)	
		Audio Control Marker	KMA-20-03	I 25C(K)/I 40P(K)	
		Audio Control Marker	KMA-20-04	I 25C(K)/I 40P(K)	
		Audio Control Marker	KMA-20-05	I 25C(K)/I 40P(K)	
		Audio Control Marker	KMA-20-06	I 25C(K)/I 40P(K)	
		Audio Control Marker	KMA-20-07	I 25C(K)/I 40P(K)	
		Audio Control Marker	KMA-20-08	I 25C(K)/I 40P(K)	
		Audio Control Marker	KMA-20-09	I 25C(K)/I 40P(K)	
		Audio Control Marker	KMA-20-10	I 25C(K)/I 40P(K)	
		Audio Control Marker	KMA-20-11	I 25C(K)/I 40P(K)	
	KMA-24 Series	Audio Amp/Marker	KMA-24	I 15/I 40P/I 50C (KMP) S	
		Audio Cont/Amp	KMA-24H	I 15/I 40P/I 50C (KMP) S	
Marconi Company					
	AD 1540				
		Audio Panel	AD 1540	I 40(K)S	

Audio

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Multitech International Corp (Airmarc)		108 Isolation AMP		108 V 10(M)S	
		188 Avionics Cont Panel		188 V 10(M)S	
		288 Cont Panel/Marker		288 V 10(M)S	Marker receiver is not approved for any IFR operation
Narco Avionics					
	CP25 Series	Audio Control	CP25	V 20(K)S	A single CP25/25A installation does not meet the requirements of Air Navigation Order Section 108.34 paragraph 11.1 unless an emergency audio system is provided
			CP25A	V 20(K)S	A single CP25/25A installation does not meet the requirements of Air Navigation Order Section 108.34 paragraph 11.1 unless an emergency audio system is provided
			CP25B	V 20(K)S	
			CP25C	V 20(K)S	
	CP-125	Audio Panel	CP-125	I 30C(P)S/I 40P(P)S	For a single CP-125 installation, the LO LEVEL AUDIO at pins 1 and 2 of J1A must be available to the pilot in order to meet the requirements of Air Navigation Order 108.34 paragraph 11.1
	CP-126	Audio Panel	CP-126	I 30C(P) S/I 40P(P) S	
	CP-127	Audio Panel	CP-127	I 30C(P) S/I 40P(P) S	

Audio

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	CP-135 TSO	Audio Panel	CP-135 TSO	I 15, I 35C, I 40P(PKM) S	
	CP-136 TSO	Audio Panel	CP-136 TSO	I 15, I 35C, I 40P(PKM) S	
	CP-136T TSO	Audio Panel	CP-136T TSO	I 15, I 35C, I 40P(PKM) S	
	VP22 System	Control Unit	VP-22A	I 45(J) S/I 40P(J) S	
		Control Unit	VP-22B1	I 45(J) S/I 40P(J) S	
		Control/Isol Amp	VP-22B2	I 45(J) S/I 40P(J) S	
		Speaker Amp	VP-22C	I 45(J) S/I 40P(J) S	
Sperry Flight Systems/R.C.A					
	AVA-310	Audio System	MI-592181-1/5, 5A, 5B, 5C	I 30(N) S	
	SMA-90	Audio Amp/Marker	F-490A	I 15/I 50C(KMP) S	
Rexair (Rex Aviation Pty Ltd)					
	ACS Series	Speaker Amp	ACS-1A/1D	V 10(L)	
		Speaker Amp	ACS-2/2A	V 10(L)	
	AIS Series	Aud Isol/Selector	AIS-3	V 10(L)	
		Aud Isol/Selector	AIS-3A/D	V 10(L)	
	RA Series	Aud Isol/Selector	RA-154/2	V 10(L)	
		Selector	RA-554	V 10(L)	
Sigtronics Corp					
		Intercom	SPA/SPE/SPO/SRE	V 10(K) S	
Tramm Corporation					
	A-100B Series	Power Amplifier	A-100B/28/500	I 45(J) S	
		Power Amplifier	A-100B/12/500	I 45(J) S	
		Power Amplifier	SA-100B/28/500	I 45(J) S	
	A-140	Power Amplifier	A-140	I 45(J) S	
	A-160	Power Amplifier	A-160		

Audio

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	A-280	Power Amplifier	A-280	I 45(J) S	
	A-650	Power Amplifier	A-650	I 45(J) S	
	CIA-260	Comp Isol Amp	CIA-260	I 45(J) S	
	CIA-360	Comp Isol Amp	CIA-360	I 45(J) S	

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes	
ARC (Aircraft Radio and Control) ((formerly Aircraft Radio Corporation)	21A	Receiver	R-30A	I 45(T) S		
		Loop	L-11	I 45(T) S		
		Control	C-59A	I 45(T) S		
		Indicator	IN-12, -1	I 45C(K) S		
		Indicator	IN-13	I 45C(K) S		
		Indicator	IN-13A	I 45C(K) S		
		Power Unit	P-14A	I 45(T) S		
		Power Unit	DV-14A	I 45(T) S		
		Mounting	M-26			
		Mounting	M-26A			
		Mounting	M-28			
		Mounting	M-28A			
	21B (Cessna 800)	Receiver	R-30B	I 45(N) S		
		Mount	M-26A			
		Dynavert	DV-14A	I 45(N) S		
		Mount	M-28A			
		Control	C-59A	I 45(N) S		
		Control	CC-14A	I 45(N) S		
		Control	CC-15A	I 45(N) S		
		Gonio-Ind	IN-21B	I 45C(K) S		
		Gonio-Ind	IN-21C	I 45C(K) S		
		Loop	L-40B	I 45(K) S		
		40 Receiver	RC-40A	V 10(K)		
		Loop	L-40A	V 10(L)		
		Indicator	IN-12-1	V 10(K)		

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	40B				
	(Mil Spec AN/ARN-73)	Receiver	RC-40B	I 45(N) S	
		Control Receiver	RA-40B	I 45(N) S	
		Accessory Loop	L-40B	I 45(N) S	
		Indicator	IN-12-1	I 45C(K) S	
		Indicator	IN-13A-1	I 45C(K) S	
		Mount	M-55A		
	318A				
		Receiver	R-318A	I 30P(T) S	When installed on appropriate mounts and filter 27873 fitted
		Loop	L11	I 30(T) S	
		Power Unit	DV-14A	I 30P(T) S	When installed on appropriate mounts and filter 27873 fitted
		Indicator	IN-12	I 45C(K)S	
		Indicator	IN-12-1	I 45C(K)S	
		Indicator	IN-13-A	I 45C(K)S	
		Indicator	IN-318A	I 30P(K) S	
		Mount	M 301 A		
		Mount	M 302 A		
		Mount	M-28A		
		Filter		27873 I 30P(T) S	
		Power Unit	P-14A	I 30P(T) S	
	318 G				
	(Cessna ADF-500)	Receiver	R-318G	I 30P(T) S	When installed on appropriate mounts
		Receiver	R-318G-1	I 30P(T) S	When installed on appropriate mounts
		Receiver	R-318G-2	I 30P(T) S	
		Dynaverter	DV-318A	I 30P(T) S	When installed on appropriate mounts
		Gonio-Ind	IN-21B	I 30P(K) S	
		Gonio-Ind	IN-21C	I 30P(K) S	
		Loop	L-318G	I 30(T) S	

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Mount	M-28		
		Mount	M-28A		
		Mount	M-301G		
		Mount	M-302G		
		Mount	M-303G		
		Mount	M-304G		
		Mount	M-306G		
		Mount	M-306H		
ARC Avionics					
	324A	Receiver	R-324A	I 30(K) S	When installed on mount
		Gonio-Ind	IN-324A/B	I 30(K) S	
		Gonio-Ind	IN-324C	I 30(K) S	
		Loop	L-521B	I 30(T) S	Identical to L-324A and acceptable as part of 324A System
		Mount	P/N 35209		
		346			
	CC-407A	Receiver	R-346A	I 40P(K)	
		Accessory Unit	RA-346A/B	I 45(N)S	
		Accessory Unit	RA-446A	I 40P(K)/I 45C(K)	
		Gonio-Indicator	IN-346A/B/C/D	I 40P(K)/I 45C(K)	
		Loop	L-346A	I 30(N) S	
		446			
		Receiver	R-446A	I 15(K)/I 40P(K)	
		Access Unit	RA-446A	I 40P(K)/I 45C(K)	
		Gonio-Ind	IN-346A/B/C/D	I 40P(K)/I 45C(K)	
		Loop	L-346A	I 45(N)S	
	501-A	Receiver	R-501A	V 10(K)	
		Loop	L-501A	V 10(L)	
		Indicator	IN-501A	V 10(L)	
		Amplifier	F-501A	V 10(L)	
	521-A	Receiver	R-521A/A-1	V 10(K)	

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Indicator	IN-521A	V 10(K)	
		Loop	L-521A	V 20(L) S	
	521-B				
	(Cessna 300)	Receiver	R-521B/B-1/E	L 20(K)S	
		Indicator	IN-501A	L 20(K)S	
		Indicator	IN-521B	L 20(K)S	
		Loop	L-521B	L 20(T)S	
		546			
	Cessna 300	Receiver	R-546A	L 20C(K)S	
	CC-314A or	Receiver	R-546E	I 20(K) S/I 40P(K)	
	CC-314E	Indicator	IN-546A	I 20(K) S/I 40P(K)	
		Loop	L-346A	I 30(J) S	
		RMI	IN-1004A	L 15(KM)	
	846A	Receiver	R-846A)	I 45(N) S/I 40P(N)	
		Control	C-846A)	I 45(N) S/I 40P(N)	
		Gonio-Ind	IN-346A/B/C/D	I 40P(K)/I 45C(K)	
		Loop	L-346A	I 45(N) S	
		Loop	L-846A	I 45(N) S	
		Receiver Accessory	RA-446A	I 40P(K)/I 45C(K)	
		Receiver Accessory	RA-346A/B	I 45(N) S	
		Receiver Accessory	RA-846A	I 45(L) S/I 40P(L)	
	1046A	Receiver	846A	I 45(N) S/I 40P(N)	
		Control	C-1046A	I 45C(K)/I 40P(K)	
		Power Supply	P-1000A	I 45(J) S	
		Receiver Accessory	RA-846A	I 45(N) S/I 40P(N)	
		Gonio Indic	IN-346A/B/C/D	I 45C(K)/I 40P(K)	
		Indicator	IN-12-1	I 45C(K) S	

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Loop	L346A	I 45(N) S	
		Loop	L846A	I 45(N) S	
		Control	C-1046B	I 15/I 50C(KMP) S	
Becker Flugfunkwerke GmbH					
	ADF 2000	Receiver	AD 2050	I 45C(JN) S	
		Indicator	ID 2050	I 45C(P) S	
		RMI-Adaptor	AC 2060	I 30(JN) S/I 45C(JN) S	
		Loop Modulator	M 2050	I 45(JN) S	
		Loop Antenna	L 2050	I 45(JN) S	
		Voltage Reg	VR 2050	I 45(JN) S	
		Receiver	AD-2070	I 15/I 45C(NM)	
		Conv/Indic	ID-2070	I 15/I 45C(P)	
		Antenna	ANT-2070	I 45(NM) S	
		Voltage Conv	VR-2070	I 15/I 45C(NM)	
		RMI Conv	AC-2080	I 45(NM) S	
		RMI Conv	AC-2081	I 45(NM) S	
Bendix Avionics					
	ADF-T-12B	Receiver	201A/B	V 20C(K)	
		Receiver	201A-1	L 20C(T)	With external tuning meter
		Receiver	201A-1	V 20C(K)	Without external tuning meter
		Receiver	201B-1	L 20C(T)	
		Servo Ind	551A	L 20C(T) S	Units S/N 9006 and above
		Servo Ind	551A	V 20C(K)	Units S/N below 9006
		Servo Ind	551A-1	L 20C(T) S	
		Dual Indicator	551C	I 30C(T) S	
		Gonio-Synch	551B	L 20C(T) S	
		Loop	2321E	L 20C(T) S	
	ADF-T-12C	Receiver	201C/D	L 20C(T) S	
		Gonio-Synch	551B	L 20C(T) S	

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Servo-Ind	551E	L 20C(K) S	
		Loop	2321E	L 20C(T) S	
		Servo-Ind	551A	L 20C(K) S	Unit S/N 9006 and above
		Indicator	551C	I 30C(T) S	
		Indicator	551RL	L 20C(K) S	
		Servo-Ind	551A	V 20C(K)	Unit S/N to 9005
		Amplifier	102A/B	I 20C(T)	
	ADF-T-12D	Receiver	201F	L 20C(K)	
		Servo Amp-Ind	551A/B/E/RL	L20C(T) S	
		Dual Synch Ind	551C	I 30C(T) S	
		Loop	2321E	L 20(T) S	
		Amplifier	102A/B	I 20(T) S	
	ADF-72	Tuner	CAN-72A	I 30P(T) S	
		Amplifier	DFA-72A	I 30P(T) S	
		Loop	LPA-72A	I 30(T) S	
		Gonio-Ind	GMA-72A	I 30P(T) S	
		Ant Coupler	CUA-72A	I 30P(T) S	
	ADF-73	Receiver	DFA-73A)	I 45(N) S	
		Control	CAN-73())	I 45(N) S	
		Coupler	CUA-73A ())	I 45(N) S	
		Stretcher	LSA-73A ())	I 45(N) S	
		Corrector	QCA-73 ())	I 45(N) S	
		RMI	MN-72G	I 45(K) S	
	ADF-2070	Receiver	DF-2071A	I 35C(MOP) S	
		Indicator	IN-2072A/B	I 35C(MOP) S	
		Antenna	AT-2073A/B	I 35(JN) S	
		Amplifier	AM-2073A/B	I 35(JN) S	
	DFA-70	Receiver	DFA-70A/-1	I 45(T) S	
		Controls	CAN-70A/B/C	I 45(T) S	
		Loop	LPA-70B/C	I 45(T) S	

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Loop	MN-60 ()	I 45(T) S	
		Indicator	MN-58C	I 45(T) S	
		Indicator	MN-72F/G	I 45(T) S	
	DFA-74	Receiver	DFA-74)		
		Coupler	CMA-73)		
		Coupler	CUA-73A, D)	I 45(KM) S/I 40P(KM) S (JN) (JN)	
		Stretcher	LSA-73)		
		Loop	LPA-73)		
		Corrector	QCA-73A-G)		
		RMI	MN-72G	I 45(KM) S/I 40P(KM) S	
	DFA-72	Receiver	DFA-75	I 50(J) S	
		Antenna	ANA-75B	I 50(J) S	
	DFS-43	Receiver	DF-431A/B	I 50(MNO) S	
		Control Display	CD-432A/B	I 15/I 50C(KMP) S	
		Antenna	AT-435A	I 50(JN) S	
	NA-1	Receiver	MN-62A	I 20(L) S	
		Control Unit	MN-63A	I 20(L) S	
		Loop	MN-36C/60A	I 20(L) S	
		Indicator	MN-37B/42C/44B	I 20(K) S	
		Indicator	MN-58A	I 20(K) S	
	SCR-269 Series	Receiver	BC-433A/C	I 20(L)	
		Loop	LP-21A	I 20(L)	
		Control Box	BC-434A	I 20(L)	
		Indicator	I-81A/82A	I 20(K)	
Collins Avionics					
	ADF-60	Receiver	ADF-60A/60B	I 45(JN) S/I 40P(JN)	
		Loop	ANT-60/60A/60B	I 45(JN) S	

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		RMI	RMI-36	I 15/I 40P(P) S	
		Indicator	RMI-30	I 15/I 40P(P) S	
		Indicator	CTL-60/61	I 50C(PKM) S	
		Indicator	BDI-36	I 15/I 40P(P) S	
		Control	CTL(-)	I 15/I 35C/I 40P(KMP) S	
		Control Adapter	CAD-62	I 15/I 50C / (JN) S	
	ADF 462	Receiver	ADF 462	I 50(JN)S	
		Antenna	ANT 462A/B	I 50(JN)S	
	ADF-650/650A	Receiver	RCR-650/650A	I 30C(P) S/I 40P(P) S	
		Indicator	IND-650/650A	I 30C(P) S/I 40P(P) S	
		Antenna	ANT-650/650A	I 45(JN) S	
		R.M.I Adapter	ADA-650()	I 20(N) S	
	ADF-700	Receiver	ADF-700	I 50(JN) S	
		Antenna	DFA-701A/B/C/D	I 50(JN) S	
		Control	DFP-712/A	I 15/I 50C(KP) S	
		Control	DFP-713/A	I 15/I 50C(KP) S	
	DF-201	Receiver	51Y-1	I 30P(T) S	
		Control	614L-1/2/3	I 30P(T) S	
		Loop	137A-1	I 30(T) S	
		P/S	516A-1/B-1	I 30P(T) S	
	DF-202	Receiver	51Y-3	I 30P(T) S	
		Control	614L-1/1B/2/4/5	I 30P(T) S	
		Control	614L-6/7/7A	I 30P(T) S	
		Loop	137A-1/2	I 30(T) S	
		Coupler	179J-1/1A/2/2A/3/4	I 30P(T) S	
Collins Radio Company					
	DF-203	Receiver	51Y-4)	I 45(J) S	

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Control	614L-8)	I 45(J) S	
		Loop	137A-4/5/6)	I 45(J) S	
		Quad Corr	582A/B-())	I 45(J) S	
		Coupler	179J-5/6/7)	I 45(J) S	
		Mount	390R-6A		
		Shockmount	390D-11		
	DF-206	Receiver	51Y-7/7A)	I 45(JN) S/I 40P(JN) (G) (G)	
		Control	614L-11/-12)	I 45(JN) S/I 40P(JN) (G) (G)	
		Control	614L-13)	I 45(JN) S/I 40P(JN) (G) (G)	
		Antenna	437M-2)	I 45(JN) S/I 40P(JN) (G) (G)	
		Loop	137A-4/4A)	I 45(JN) S/I 40P(JN) (G) (G)	
		Loop	137A-5/5A)	I 45(JN) S/I 40P(JN) (G) (G)	
		Loop	137A/6/6A/6B)	I 45(JN) S/I 40P(JN) (G) (G)	
		Loop	137A-6C/D)	I 45(JN) S/I 40P(JN) (G) (G)	
		Loop	137A-11)	I 45(JN) S/I 40P(JN) (G) (G)	
		Sense Ant Coup	179J-7/8/8A/8B/12/13)	I 45(JN) S/I 40P(JN) (G) (G)	
		Sense Ant Coup	179J-5)	I 45(JN) S/I 40P(JN) (G) (G)	
		Sense Ant Coup	179J-6A)	I 45(JN) S/I 40P(JN) (G) (G)	
		Q.E Corr	582A-())	I 45(JN) S/I 40P(JN) (G) (G)	
		Q.E Corr	582C-())	I 45(JN) S/I 40P(JN) (G) (G)	

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		R.M.I	332C-4, -8		
		Shockmount	390D-11/11A		
		Mount	390R-6A		
Dare Inc					
	DADF-1A	Receiver	R-DADF-1A	I 45(T) S	
		Control	C/DADF-1A	I 45(T) S	
		Control Kit	CK/DADF-1	I 45(T) S	
		Loop	DL-1A	I 45(T) S	
		Indicator	DNI-3	I 45(K) S	
		Indicator	DNI-4	I 45(K) S	
		Mount	M/DADF-1		
Edo-Aire					
	R-556 Series	Receiver	R-556E	V 20C(KM)	
		Receiver	R-556F	L 20C(KM)	
		Loop	AT-556	L 20(JM)	
		Sense Ant	AT-556S	L 20(JM)	
H.T Instruments Inc					
	ACCU-TUNE	Tuning Indicator	ACCU-TUNE		Auxiliary only
Kett Avionics					
	Polaris Series	Polaris B			
		Polaris S		V 10(K)	
		Polaris S-70		V 10(K)	
		Polaris X		V 10(K)	
King Radio Corporation					
	KCU 578	Control Unit	KCU 578	I 15(P)/I 40P(P)	
	KCU 582	Control Unit	KCU 582	I 15(P)/I 40P(P)	

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	KDF-800	Receiver	KDF-800	I 30(J) S	
		Control	KFS-580	I 30(J) S	
		Control	KFS-585	I 30(J) S	
		Indicator	KNI-580	I 45(K) S	
		Indicator	KNI-585	I 45(K) S	
		Loop	KA-36	I 30(J) S	
	KDF-805	Receiver	KDF-805	I 45(J) S	
		Control	KCU 578	I 15(P)/I 40P(P)	
		Control	KCU 582	I 15(P)/I 40P(P)	
		Control	KFS 580B	I 45(P) S	
		Control	KFS 585B	I 45(P) S	
		RMI (Manual)	KNI-580	I 45(K) S	
		RMI	KNI-581	I 15(P)/I 40P(P)	
		RMI (Slaved)	KNI-585	I 45(K) S	
		Loop	KA-36	I 45(J) S	
		Loop	KA-42B	I 45(L) S	
		Matching Assy	KA-135	I 45(J) S	
	KDF-806	Receiver	KDF-806	I 50(MNO) S	
		Control	KFS-586	I 15/I 50C(KMP)	
		Antenna	KA-44B	I 50(JLN) S	
		RMI Indic	KI-229	I 15/I 35C/I 40P(KMP) S	
		RMI Indic	KNI-582	I 15/I 50C(KMP) S	
	KDF-8000	Receiver	KDF-8000, -01	I 30(J) S	
		Control	KFS-5800	I 30(J) S	
		Loop	KA-36	I 30(J) S	
	KI-226	RMI	KI-226	I 20(M)/I 30C(M)	
	KR-80	Receiver	KR-80	V 20C(K) S	ADF installations without KA-18 kit incorporated
		Receiver	KR-80	L 10(K) S	Receivers with Serial No 2200 and below, with KA-18 Kit installed

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Receiver	KR-80	L 20C(K) S	1. Receivers with Serial No above 2200 with KA-18 Kit installed, and 2. Receivers with Serial No 2200 and below, with S/B KR-80 export 1 is incorporated and KA-18 Kit is installed
		Loop		L 20(M) S	
		BFO-Tune Kit	KA-18	L 20C(K) S	
	KR-85	Receiver	KR-85)	I 25C(K)/I 40P(K)	
		Indicator	KI-225)	I 25C(K)/I 40P(K)	
		Indicator	KI-225-01	I 25C(K)/I 40P(K)	
		Dual Synch Ind	551C	I 25C(T)S	
		Loop	KA-42	I 45(L)S	
		Loop	KA-42A	I 45(L)S	
		Loop	KA-42B	I 45(L)S	A) IFR classification when loop is associated with KR-85 system, otherwise L classification. B) Use of this loop is NOT recommended in aircraft equipped with 200 MHz DME because of likely severe interference to the ADF system(s)
	KR-86	Receiver	KR-86	L 15(M)/L 20C(M)	
		Loop	KA-42	I 40(L)S	
		Loop	KA-42A	I 40(L)S	
		Loop	KA-42B	L 20(L)	Use of this loop is NOT recommended in aircraft equipped with 200 HMz DME because of likely severe interference to the ADF system(s)
		Whip Antenna	KA-17		Optional item

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	KR-87	Receiver	KR-87	I 15/I 50X/I 40P(KMP)S	
		Loop	KA-44	I 50(JLN) S	
		Indicator	KI-227	I 15/I 50C/I 40P(KMP) S	
		Indicator	KI-228	I 15/I 50C/I 40P(KMP) S	
	KDF-805	Receiver	KDF-805	I 45(J) S	
		Control	KCU 578	I 15(P)/I 40P(P)	
		Control	KCU 582	I 15(P)/I 40P(P)	
		Control	KFS 580B	I 45(P) S	
		Control	KFS 585B	I 45(P) S	
		RMI (Manual)	KNI-580	I 45(K) S	
		RMI	KNI-581	I 15(P)/I 40P(P)	
		RMI (Slaved)	KNI-585	I 45(K) S	
		Loop	KA-36	I 45(J) S	
		Loop	KA-42B	I 45(L) S	
		Matching Assy	KA-135	I 45(J) S	
	KDF-8000	Receiver	KDF-8000, -01	I 30(J) S	
		Control	KFS-5800	I 30(J) S	
		Loop	KA-36	I 30(J) S	
	KI-226	RMI	KI-226	I 20(M)/I 30C(M)	
	KI-229	RMI ADF/VOR	KI-229	I 15/I 35C/I 40P(KMP) S	
	KNI-582	RMI ADV/VOR	KNI-582	I 15/I 35/C/I 40P(KMP) S	
	KR-80	Receiver	KR-80	V 20C(K) S	ADF installations without KA-18 kit incorporated
		Receiver	KR-80	L 10(K) S	Receivers with Serial No 2200 and below, with KA-18 Kit installed

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Receiver	KR-80	L 20C(K) S	1. Receivers with Serial No above 2200 with KA-18 Kit installed and, 2. Receivers with Serial No 2200 and below, with S/B KR-80 export 1 is incorporated, and KA-18 Kit is installed
		Loop		L 20(M) S	
		BFO-Tune Kit	KA-18	L 20C(K) S	
	KR-85	Receiver	KR-85)	I 25C(K)/I 40P(K)	
		Indicator	KI-225)	I 25C(K)/I 40P(K)	
		Indicator	KI-225-01	I 25C(K)/I 40P(K)	
		Dual Synch Ind	551C	I 25C(T)S	
		Loop	KA-42	I 45(L) S	
		Loop	KA-42A	I 45(L)S	
		Loop	KA-42B	I 45(L)S	A) IFR classification when loop is associated with KR-85 system, otherwise L classification and B) Use of this loop is NOT recommended in aircraft equipped with 200 MHz DME because of likely severe interference to the ADF system(s)
	KR-86	Receiver	KR-86	L 15(M)/L 20C(M)	
		Loop	KA-42	I 40(L)S	
		Loop	KA-42A	I 40(L)S	
		Loop	KA-42B	L 20(L)	Use of this loop is NOT recommended in aircraft equipped with 200 HMz DME because of likely severe interference to the ADF system(s)
		Whip Antenna	KA-17		Optional item

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	KR-87	Receiver	KR-87	I 15/I 50C/I 40P(KMP) S	
		Loop	KA-44	I 50(JLN) S	
		Indicator	KI-227	I 15/I 50C/I 40P(KMP) S	
		Indicator	KI-228	I 15/I 50C/I 40P(KMP) S	
Lear Inc					
	ADF-12	ADF-12C		V 10(K)	
		ADF-12D Series		V 10(K)	
	ADF-12E				
	Series	Tuner	2303C	V 10(K)	
		Tuner	2303D	V 10(K)	
		Amplifier	5515C	V 10(L)	12E - 2
		Amplifier	5515D	V 10(L)	12E - 2
		Amplifier	5515E	V 10(L)	12E - 3
		Amplifier	5515F	V 10(L)	12E - 3
		Amplifier	5515G	V 10(L)	12E - 4
		Amplifier	5515H	V 10(L)	12E - 4
		Amplifier	5515J	V 10(L)	12E - 5
		Amplifier	5515K	V 10(L)	12E - 5
		Loop (Rot)		2320 V 10(L)	
		Loop (Fixed)	2321A	V 10(L)	
		Loop (Fixed)	2321D	V 10(L)	
		Indicator		2330 V 10(L)	
		Indicator	P/N 97401	V 10(L)	
		Indicator	P/N 1042	V 10(L)	
		Gonio-Ind	4084A	V 10(L)	
		Gonio-Ind	4084F	V 10(L)	
	ADF-14	Tuner	2300-	I 10(L)	
		Amplifier	5500-	I 10(L)	
		Loop		2320 I 10(L)	
		Indicator	2330-	I 10(K)	

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	ADF-14C			I 10(L)	
	ADF-14D			I 10(L)	
Marconi Company					
	AD 360	Receiver	6407)	I 45(J) S	
		Control	6409, -A)	I 45(J) S	
		Loop	6410)	I 45(J) S	
		Loop	6410A)	I 45(J) S	
		Q.E - Loop Eq	XSA-3966)	I 45(J) S	
		Sense Eq	XSA-3967)	I 45(J) S	
		Sense Eq	4176)	I 45(J) S	
		R. M. L	4637)	I 45(J) S	
	AD 370	Receiver	AA-3701)	I 50(N) S	
		Control	AA-3702-1)	I 50(N) S	
		Control	AA-3702-2)	I 50(N) S	
		Loop	AA-3703)	I 50(N) S	
		Loop	AA-3704)	I 50(N) S	
		Loop	AA-3705)	I 50(N) S	
		Loop	AA-3708)	I 50(N) S	
		Q. E & Loop E. Q	A31-2289-01)	I 50(N) S	
		Q. E & Loop E. Q	A31-3409-01)	I 50(N) S	
		Sense Cable E. Q	A31-2288-01)	I 50(N) S	
		Sense Match	A31-2287-01)	I 50(N) S	
		Sense Match	A31-3329-01)	I 50(N) S	
		Susceptiform	A31-2286-01)	I 50(N) S	
		C/O Switch	AA-3706-1)	I 50(N) S	
	AD 7092	Receiver	AD-7092)	I 45(T) S	
		Loop	1264)	I 45(T) S	
		Whip Aer	137)	I 45(T) S	
		Aer Trans	922)	I 45(T) S	
		Indicator	1272)	I 45(T) S	
		Control	933)	I 45(T) S	

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Control	1273)	I 45(T) S	
		V/R Filter	949)	I 45(T) S	
		Housing	1268)	I 45(T) S	
		Control	1263)	I 45(T) S	
	AD 722	R. F Unit	A 8281	I 45(T)	
		I. F Unit	A 8282	I 45(T)	
		Control		8283 I 45(T)	
		Indicator		8721 I 45(K)	
		Q. E Corr		I 45(T)	
		Loop		8280 I 45(T)	
		Indicator		8722 I 45(K)	
		Bearing Rep	8720 and		
		Indicator		9551 I 45(K)	
		Mount		8288	
Canadian Marconi Company					
	CMA-301	Receiver	CMA-301	I 30P(T) S	
		P/S		736 I 30P(T) S	
		P/S		737 I 30P(T) S	
		P/S	726A	I 30P(T) S	
		Control		715 I 30P(T) S	
		Control		709 I 30P(T) S	
		Loop	710A	I 30(T) S	
		Loop	710B	I 30(T) S	
		Indicator		713 I 30P(K) S	
		Indicator		714 I 30P(K) S	
		Coupler	712 Series	I 30P(T) S	
		Mount		717	
		Mount		707	
Motorola Aviation Electronics Inc					

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	ADF-T-12	Receiver	5614A/B/C/D	I 15(L)	
		Servo-Amp		5534 I 15(L)	
		Gonio Ind		4086 I 15(K)	
		Loop	2321E	I 15(L)	
		Tuning Meter	P/N S20001-01	I 15(L)	
	ADF-T-12B	Receiver	201A	V 10(K)	
		Receiver	201B	V 10(K)	
		Servo Amp-Ind	551A	V 10(K)	
		Loop	2321E	V 10(T)	
		Amp-Audio	102A	V 10(T)	
	ADF-100	Tuner	5602-A, B, C, D	V 20(K)	
		Indicator		710601 V 20(K)	
		Loop		2320 V 20(L)	
		Control		5456 V 20(K)	
Narco Avionics					
	ADF-29	Receiver		V 10(K)	
		Loop		V 10(L)	
	ADF-31	Receiver	ADF-31	V 10(K)	
		Loop		V 10(L)	
	ADF-31A	Receiver	ADF-31AB	I 20C(K) S	
		Receiver	ADF-31AM	I 20C(K) S	Marker not approved
		Loop		I 20(L) S	
		Regulator		I 20C(K) S	
	ADF-140				
	TSO CLASS B	Receiver	ADF 140	I 20C(P) S	Those receivers with "CLASS B" on label quality for I classification
		Indicator	ADF 101	V 10(P) S	Units serial 19,000 and above, classification is I 15/I 30C(P) s
		Dual Ind	ID 100	V 10(P) S	

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		RMI Ind	RMI 101	V 10(P) S	
		Converter	CV 100	V 10(P) S	
		Loop	P/N 71650-0104	I 30(JN) S	
	ADF-140				
	TSO CLASS A	Receiver	ADF-140	I 15/I 30C(P) S	Only those units with "CLASS A" on label qualify for I classification
		Indicator	ADF-101	V 10(P) S	A) Only those units with "CLASS A" on label qualify for I classification. B) Units serial 19,000 and above, classification is I 15/I 30C(P) S
		Ant Coupl Adapt	ADF-140	I 30(JN) S	Only those units with "CLASS A" on label qualify for I classification
		Loop Antenna	ADF-140	I 30(JN) S	Only those units with "CLASS A" on label qualify for I classification
	ADF 141 TSO	Receiver	ADF 141	I 15/I 30C(P) S	
		Antenna	ADF 141	I 30(JN) S	
		Indicator	ADF 101	I 15/I 30C(P) S	Airworthiness Directive AD/RAD/40 applies to units below serial 19,000
		RMI Indic	RMI 101	V 10(P) S	
		Sense Ant / Coup	ADF 141	I 35(J) S	
	PDF-35	Receiver		V 20C(L) S	
		Indicator		V 20C(K) S	
		Loop		V 20(T) S	
		Voltage Conv	MP-10	I 30(JN) S/I 40P(N) S	Optional Equipment
		RMI		V 20C(K) S	
	ADF-841	Receiver	ADF-841	I 15/I 35C/I 40P(KMP) S	
		Indicator	ID-841	I 15/I 35C/I 40P(KMP) S	
		Loop Antenna	NA-841	I 35(JLN) S	

ADF

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Sperry Flight Systems/R.C.A	AVI-200	ADF-RMI	MI-58500, -1	I 30(K) S	
			MI-58500, -2, -3	I 30(K) S	
	AVI-201	ADF-RMI	MI-58501, -1, -2	I 30(K) S	
	AVI-202	ADF-RMI	MI-58502, -1, -2	I 30(K) S	
	AVI-203	ADF-RMI		I 30(K) S	
		701 Receiver		I 30(M)	
		Loop	47869	I 30(J)	
		Control	97141	I 30(K)	
		Indicator	97293	I 30(K)	
	TERRA Corporation Albuquerque NM USA	TDF 100	Antenna	TA 10	V
		Indicator	TDI 10	V	
		Receiver/Control	TDF 100	V	
TDF 100D		Antenna	TA 10	V	
		Indicator	TDI 10	V	
		Receiver/Control	TDF 100D	V	

DME

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
ARC (Aircraft Radio and Control)					
	476A				
	400 Series	Receiver / Trans	RTA-476A	I 30(J) S	
		Control	C-530A	I 20(K)/I 40P(K)	
		Antenna	A-119A	I 30(N) S	
		Multiplexer	MU-876A	I 30(J) S	
	477A	Receiver / Trans	RTA-477A	I 50(OM) S	
		Control / Indic	C-477A	I 50C(KM) S	
		Antenna	CI-105-3	I 50(JLN) S	
	876A	Receiver / Trans	RTA-876A	I 45(J) S	Classification applicable only to TSO'd components, identified by "TSO-C66a" on the component name-plate
		Control	C-876A	I 15(K)/I 40P(K)	Classification applicable only to TSO'd components, identified by "TSO-C66a" on the component name-plate
		Antenna	A-119A	I 30(J) S	
	1077A/B (1000 Series)	Receiver / Trans	RTA-1077A/B	I 50(OM) S	
		Control / Indic	C-1077A/B	I 50C(KM) S	
Bendix Avionics					
	DME-2030	Receiver / Trans	DM-2031A	I 35(MN) S	
		Indicator	IN-2032A	I 35(MOP) S	
		Antenna	AT-2033A	I 35(JN) S	
		Dual Nav Adapt	AD-2034A	I 35(MN) S	
	DMS-44A	Transceiver	DM-441A	I 50(MNO) S	

DME

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Transceiver	DM-441B	I 50(MNO)	
		Selector Display	SD-442A/B	I 15/I 50C(KMP) S	
Collins Avionics	860E-3	Rec Trans	860E-3	I 20/I 40P(J) S (N)	
		Control	313N-3D/4D	I 45(N) S	
		Dist Indic	339F-8B	I 20/I 40P(K) S	
		Antenna	237Z-1	I 45(N) S	
		Dist Indic	339F-18()	I 20/I 40P(KP)	
	860E-4, -4A, -5	Receiver / Trans	860E-4/4A/5	I 50(J) S	
		Control	313N-2D, -3D, -4D	I 50(J) S	
		Dist Ind	339F-8B	I 20/I 40P(K)	
		Antenna	237Z-1	I 45(J) S	
	DME-40	Receiver / Trans	DME-40	I 45(JN) S	
		Indicator	339F-12	I 40P(P)	
		Control	313N-4D	I 45P(JN) S	
		Antenna	237Z-1	I 45(JN) S	
		Indicator	IND-40/41	I 40P(KMP)	
	(Sierra Corp)	D to S Adaptor	899S-1	I 50(JN) S (G)	
	DME-42	Rec Trans	DME-42	I 50(JN) S	
		Indicator	IND-42()	I 15/I 35C/I 40P(KMP) S	
		Control	CTL-()	I 15/I 35C/I 40P(KMP) S	
	DME-442	Rec Trans	DME-442	I 50(JN) S	
	DME-451	Receiver / Trans	TCR-451	I 30I 40P(N) S	
		Indicator	IND-450/450C/451	I 30/I 40P(P) S	
		Antenna	ANT-451	I 45(N) S	
	DME-700	Receiver / Trans	DME-700	I 50(JN) S	

DME

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Edo-Aire International	RT-888	Receiver / Trans	RT 888	I 30(J) S	
		Control / Ind	CD 888A	I 25(P)	
King Radio Corporation	KDM 700/700A	Interrogator	KDM-700/700A	I 40P(P)	
		DME Indic	KDI 570	I 40P(K)	
		RNAV Comp.	KNC 610	I 40P(P)	
		Code Converter	KA 47	I 40P(P)	
	KDM 705 Series	Interrogator	KDM 705	I 45(J)S	
		Interrogator	KDM 705A	I 45(J)S	
		Indicator	KDI 570	I 45(P)S	
		Indicator	KDI 571	I 40P(P)	
		Antenna	KA 32	I 45(J)S	
	KDM 706/706A	Interrogator	KDM 706/706A	I 50(MNO)S	
		Digit. Adapter	KDA 689	I 50(MNO)S	
		D to A Conv.	KDA 699	I 50(MNO)S	
		ARINC Adatper	KDA 1120	I 50(MNO)S	
		DME/GS S to P Conv.	KA 120	I 50(MNO)S	
	KDM 7000/7000A/7000B	Interrogator	KDM 7000/7000A	I 30(J)S/I 40P(J)	
		Interrogator	KDM 7000B	I 30(J)S/I 45C(J)S	
		Indicator	KDI 5700	I 15(K)/I 40P(K)	
		Indicator	KDI 5710	I 45(J)S/I 40P(J)	
		Sync. Driver		499 I 45(J)S	

DME

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	KN 60C	Interrogator	KN 60C	V 10(K)	
		Antenna	KA 41	I 30(J)S	
	KN 61	Interrogator	KN 61	L 15(M)	
		Indicator	KI 261	L 15(K)	
		Indicator	KI 267	I 15(P)S/I 40P(P) S	
		Freq. Sel	KFS 562	L 15(M)	
		Antenna	KA 66	L 15(M)	
		Altitude Hold.	KA 122	L 15(M)	Optional Items
		Code Transl.	KA 121	L 15(M)	Optional Items
	KN-62A	Interrogator	KN-62A	I 15/I 20C/I 40P(KMP)S	
		Interrogator	KN-62	V 15(KMP)S	
	KN-63	Interrogator	KN-63	I 50/I 40P(MN) S	
		Indicator	KDI-572/573	I 50(KMP) S	
		Indicator	KDI-573B	I 15/I 50C(KMP) S	
	KN-64	Interrogator	KN-64	V 10(KMP)S	
	KN-65	Interrogator	KN-65	I 30(J) S	
		Indicator	KI-265	I 25C(K)/I 40P(K)	
		Indicator	KI-267	I 15(P) S/I 40P(P) S	
		Code T-Lator	KA-43	I 30(J) S	
		Antenna	KA-41	I 30(J) S	
	KN-65A	Interrogator	KN-65A	I 30(J) S	
		Indicator	KI-266	I 20C(K)/I 40P(K)	
		Indicator	KI-267	I 15(P) S/I 40P(P) S	
		Antenna	KA-41	I 30(J) S	

DME

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	KNS-80	Interrogator	KNS-80	V 10(KMP)S	
Narco Avionics					
	DME 190	Interrogator	DME-190	V 20C(M) S	
		Antenna	UDA-3	I 30(L) S	
	DME 190 TSO	Interrogator	DME 190 TSO	I 30C(P) S/I 40P(P) S	
		Antenna	UDA-3	I 30(L) S	
	DME 195	Interrog / Receiver	DME 195	I 30(N) S/I 40P(N) S	
		Indicator	DME 195	I 15(P)/I 40P(P)	
		Antenna	UDA-3	I 30(L) S	
	DME 890	Interrogator	DME 890	V 10(P)	
	IDME 891	Interrogator	IDME 891	V 10(KMP)	
	IDME 895	Interrogator	IDME 895	V 20(KMP)S	
	UDI-2A				
	Series	Interrogator	UDI-2A/2AR/2ARD	I 15(L) S	
		Range Pwr Unit	RP-9, 9A, 9AD	I 15(L) S	
		Distance Inc	UDM/3A	I 15(K) S	
		Digit Dist Ind	UDD-1	I 15C(K)	
		Speed Indic	GSI-1	I 15(K) S	
		Channel Sel	UDC-3	I 15(K) S	
		Antenna	UDA-3A	I 30(L) S	
	UDI-4	Interrogator	UDI-4	V 10(K)	
		Antenna	UDA-3	I 30(L) S	
Sperry Flight Systems/R.C.A					
	AVQ-75	Interrogator	MI-591083	I 45(J)	

DME

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Interrogator	MI-591083-1	I 45(J)	
		Indicator	MI-591085	I 45(J)	
		Indicator	MI-591084-1/-5	I 45(J)	
		Indicator	MI-591085-1/-11	I 45(N) S	
		Antenna	MI-591089	I 45(N) S	
	AVQ-85	Interrogator	MI-585015, -1	I 45(N) S	
		Dist Indicator	MI-585016, -1, -2	I 45(P) S	
		DGS Indicator	MI-585017, -1/-8	I 45(P) S	
		Dig/Synchro Conv	MI-585048	I 45(N) S	
		Antenna	MI-591089, -1		
	Primus-10	Interrogator	MI-585101	I 45(JN) S	
		Dist / Gnd-Spd Ind	MI-585102	I 45(JN) S	
		Dist / Gnd-Spd Ind	MI-585107	I 45(JN) S	
		Antenna	MI-591089-1	I 45(N) S	

Doppler

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Bendix Avionics					
	DRA-12	Trans-Recvr	RTA-12(-)	I 45(L)	
		Indicator	INA-12B(-)	I 45(K)	
		Control	CNA-12A(-)	I 45(L)	
		Freq Tracker	DRA-12C(-)	I 45(L)	
		Nav Computer	CPA-24B(-)	I 45(L)	
		Computer Cont	CNA-24A(-)	I 45(L)	
		Computer Cont	CNA-24B(-)	I 45(L)	
		Antenna	ANA-12A(-)		
The Decca Navigator Co					
	71/72	Groundspeed & Driftmeter		9308 I 20/I 50P(J)	
		Control Unit	9304A		
		Computer	1770B/F		
		Digital Disp Controller	9748B/F		
		Computer	1770B/F		
		Antenna	9305/9307	I 50(N) S	
		Display Head		961	
		Control & Display		1784	
		Computer	T9447	I 50P(N) S	
G.P.I (General Precision Inc)					
	RADAN 500	Trans Receiver	RTR-300-1	I 50(J) S	When mounted on shockmounts
		Freq Tracker	RFT-200-1	I 30(J) S/I 50P(J) S	When mounted on shockmounts
		Indicator	RIN-500-1-A	I 30(J) S/I 50P(J) S	When vibration isolated
		Indicator	RIN-502-1-A	I 30(J) S/I 50P(J) S	When vibration isolated
		Control Panel	RCP-400-1	I 30(J) S/I 50P(J) S	
		Antenna	RAS-100-1	I 50(J) S	No shockmounts required
		Mount	RTM		

Doppler

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Marconi Co					
	AD 560	Trans-Recvr	AA 5602-1	I 50(N) S	
		Tracker	AA 5603-1/6	I 50(N) S	
		Computer	AA 5660-1/2	I 50P(J)/I 30C(J) S	
		Display Unit	AA 5607-1/3	I 50P(J)/I 30C(J) S	
		Gnd Sp & Drift Ind	AA 5604-1	I 50P(J)/I 30C(J) S	
		Tot Dst Fln Ind	AA 5605-1/2	I 50P(J)/I 30C(J) S	
		Switch Unit	AA 5637-1/2	I 50(N) S	
		Switch w/guide	AA 5638-1/2	I 50(N) S	
		A/P coupling Unit	AA 5648-1	I 50(N) S	

G Slope

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Amalgamated Wireless A/Asia Ltd					
	AD-706	Receiver	AD-706	I 20(L)	
ARC (Aircraft Radio and Control) (formerly Aircraft Radio Corporation)	R-31A	Receiver	R-31A	I 45(T)S	
		Mount	M-41A		
		Control	C-69A	I 45(T)S	
		Control	C-88A	I 45(T)S	
		Control	CC-12A	I 45(T)S	
	R-319 Series	Receiver	R-319A	I 30P(T)S	Subject to compliance with Air Navigation Orders Part 107 DCA/RAD/16
		Receiver	R-319G	I 30P(T)S	Subject to compliance with Air Navigation Orders Part 107 DCA/RAD/16
	R-443A	Receiver	R-443A	I 30(L)S (N)	
		Mount		36280	
		Mount		36450	
	R-443B	Receiver	R-443B	I 30(M)S/I 40P(M) (J) (J)	
		Mount		36450	
		Mount		36280	
		Control	C-841A		
		Antenna	A-326A	I 45(N)S	Optional Equipment
		Indicator	IN-525A		Optional Equipment
		Indicator	IN-443A, B		Optional Equipment

G Slope

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Indicator	IN-41A		Optional Equipment
	R-543B	Receiver	R-543B	I 30(L)S (N)	
		Mount		36280	
		Mount		34650	
		Indicator	IN-525A		Optional Equipment
		Indicator	IN-543A		Optional Equipment
	R-843A	Receiver	R-843A	I 45(M)S/I 40P(M) (J) (J)	
		Mount-Rigid		36450	
		Mount-vib Isol		36280	
		Antenna	A-326A	I 45(N)S	Optional Equipment
	R-1043A	Receiver	R-1043A	I 45(M)S	
		Indicator	IN-41A	I 45C(K)/I 40P(K)	
		Indicator	IN-41D	I 45C(K)/I 40P(K)	
		Mount	P/N 46314		
Bendix Avionics					
	CN-2011	Receiver	Part of CN-2011	I 30C(MOP)S	Only Part Nos ending in -3014, -3016, -3018, -3020, -3022, -3024 have the glide slope receiver option
	CN-2012	Receiver	Part of CN-2012	I 30C(MOP)S	Only Part Nos ending in -3004 have the glide slope receiver option
	CN-2013	Receiver	Part of CN 2013	I 30C(MOP)S	Only Part Nos -3002, -3004 have the glide slope receiver option
	GM-247A	Receiver	GM-247A	I 20(J)S	
	GSA-8A-1	Receiver	GSA-8A-1	I 30(T)S	

G Slope

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Indicator	MN-97	I 30(T)S	
		Indicator	INA-21-A	I 30(T)S	
		Mount	MTA-8A		
		Mount	MTA-8B		
		Mount	MTA-7D		
	GSA-25B	Receiver	GSA-25B	I 45(N)S	
		Mount	MSA-25B		
	RIA-32A	Receiver	RIA-32A	I 45(O)S/I 40P(O) (J) (J)	
	203A/B (Part of M-450 NAV-COM System)	Receiver	203A	V 10(L)	
		Receiver	203B	V 10(L)	
Collins Radio Co					
	51V-2	Receiver	51V-2	I 30P(T) S	
	51V-3	Receiver	51V-3	I 30P(T) S	
		Mount	390D-3		
		Mount	390F-1		
		Mount	390F-2/3		
		Antenna	37P-4		Optional items
		Antenna	37P-5		Optional items
		Indicator	ID-48		
	51V-4	Receiver	51V-4	I 45(T)S	
		Shockmount	390R-2		
		Mount	390U-2		
		Antenna	37P-4		Optional items
		Antenna	37P-5		Optional items
	51V-5	Receiver	51V-5	I 45(J) S	

G Slope

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Antenna	37P-4		Optional item
		Indicator	331H-3G		
	51RV-1	Receiver	51V-4B	I 45(T) S (J)	
	51RV-2B	Receiver	51RV-2B	I 45(J) S/I 40P(J)	
		Shockmount	390Y-1	(N) (N)	
Collins Avionics					
	GLS-350	Receiver	GLS-350	I 30C(N) S	
		Receiver	GLS-350E	I 30C(N) S	
		Indicator	IND-351	I 30C(P)/I 40P(P)	
		Indicator	IND-351C	I 30C(P)/I 40P(P)	
	ILS-70	Receiver	ILS-70	I 45(J) S (G)	
		Antenna	37P-4/5		Optional item
	ILS-700	Receiver	ILS-700	I 50(JN) S	
	VIR-30	Receiver	VIR-30)	I 45(JN) S	Only Receivers with Part Nos ending -001 and -002 have glide slope receiver incorporated
		Control	313N-4D)	(G)	
	VIR-31A	Receiver	VIR-31A	I 45(JN) S	Receivers with Part Nos ending in 011 and 012 have a glide slope receiver incorporated
		Control	313N-4B	I 45(JN) S	
		Indicator	332C-8		

G Slope

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Dare Inc					
	DGS-20	Receiver	DGS-20	I 30P(T) S	
		Receiver	DGS-20A	I 30P(T) S	
		Shockmount	M/GS-1		
		Shockmount	M/MBGS-2		
		Control	CG-20	I 30P(T) S	
Edo-Aire					
	R-544	Receiver	R-554	V 15(P)	
	R-664	Receiver	R-664	I 15(P)/I 40P(P)	
		Indicator	CID-664	I 15(P)/I 40P(P)	
King Radio Corporation					
	KGM-690				
	(Gold crown Cessna 800)	Receiver	KGS-680	I 45(N) S	Unit comprises KMR-670 marker receiver and KGS-680 G/S Rx in single case
		Rack	KPN-071-4004		
		Indicator	KNI-500/500L		
		Indicator	KNI-510		
	KGM-691				
	(Gold Crown)	Receiver	KGS-681	I 45(T) S	
		Control	KFS-560	I 45(N) S	
	KGS-681				
	(Gold Crown)	Receiver	KGS 681	I 45(T) S	
		Control	KFS 560	I 45(N) S	

G Slope

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	KI-211 Series	Conv-ind/G.S Rx	KI-211	V 20C(K)	This classification refers to the Glide Slope receiver section of this equipment. The Glide Slope receiver is not approved for any IFR operations
			KI-211A	V 20C(K)	
			KI-211B	V 20C(K)	
			KI-211C	V 20C(K)	
	KI-212	Ind/G.S Rx	KI-212	V20C(K)	This classification refers to the Glide Slope receiver section of this equipment. The Glide Slope receiver is not approved for any IFR operation
	KI-213	Ing/G.S Rx	KI-213	V15(M)	This classification refers to the Glide Slope receiver section of this equipment. The Glide Slope receiver is not approved for any IFR operation
	KI-214	Conv-Ind/GS Rx	KI-214	V 15(M)	This classification refers to the Glide Slope receiver section of this equipment. The Glide Slope receiver is not approved for any IFR operation
	KN-70	Receiver	KN-70	I 20(N)S/I 40P(N)	
	KN-73	Receiver	KN-73	I 20(N)S/I 40P(N)	
	KN-75	Receiver	KN-75	I 30(JN)S	
	KNR 615	Receiver	KNR-615	I 40P(JN)/I 45(JN)S	

G Slope

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	KNR 630	Receiver	KNR 630	I 40P(JN)/I 45(JN)S	
	KNR 631	Receiver	KNR 631	I 40P(JN)/I 45(JN)S	
	KNR 665	Receiver	KNR 665	I 40P(JN)/I 45(JN)S	
Marconi Co					
		6404 Receiver	6404	I 45(T) S	
Narco Avionics					
	NAV 122 TSO	Receiver	Part of NAV 122 TSO	I15, I 35C, I 40P(PKM)S	
	NAV 124 TSO	Receiver	Part of NAV 124 TSO	V 15(PKM)S	Glide Slope receiver NOT approved for any IFR operations
	UGR-1	Receiver	UGR-1	I 30P(T) S	
		Shockmount	P/N 55206-102		
		Control	UGS-1	I 30P(T) S	
		Indicator	CS-5	I 30P(K)S	
		Indicator	ID-5	I 30P(K)S	
		Indicator	VOA-5	V 10(K)	
	UGR-1A	Receiver	UGE-1A	I 30P(T)S	
		Shockmount	P/N 55269-102		
		Control	UGS-1A	I 30P(T)S	
		Indicator	CS-5	I 30P(K)S	
		Indicator	ID-5	I 30P(K)S	
		Indicator	VOA-5	V 10(K)	
	UGR-2	Receiver	UGR-2	I 30(L)S/I 40P(L) (N) (N)	
		Conv -Ind	VOA-9	I 40P(K)/I 20(K)S	
		Control	UGS-1A	I 40P(N)/I 30(N)S	
		Antenna	UGA-1		

G Slope

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	UGR-2A	Receiver	UGR-2A/2A(2/5)	I 30(L)S/I 40P(L) (N) (N)	
	UGR-3	Receiver	UGR-3	V 10(K)	The receiver is not approved for any IFR operation
Radair					
	Radair 240	Conv-Ind/GS Rx	240	V 20C(M)	The receiver is not approved for any IFR operation
R. C. A					
	AVN-210 Series	Receiver AVN-210	MI-592100-1, -3, -4	I 30(K)S	
		Receiver AVN-210A	MI-585072-1/-7	I 30(K)S	40 Channel receiver
		Receiver AVN-214	MI-592178-1	I 30(K)S	
		Antenna	MI-592127	I 45(N)S	Optional items
		Antenna	MI-592129	I 45(N)S	Optional items
		Crossover & Dual Coupler	MI-592131	I 45(N)S	Optional items
	AVN-220 Series	Receiver AVN-220	MI-585031, -1, -2	I 30(K)S	
		Receiver AVN-220A	MI-585073, -1/-3	I 30(K)S	40 Channel receiver
		Antenna	MI-592127	I 45(N)S	Optional items
		Antenna	MI-592129	I 45(N)S	Optional items
		Crossover & Dual Coupler	MI-592131	I 45(N)S	Optional items
Sperry Flight Systems					
	GS-100A	Receiver	GS-100A	I 45(J)S (G)	
	GS-100B	Receiver	GS-100B	I 45(J)S (G)	

G Slope

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Wilcox Electric					
	800 Series	Receiver	800A	I 45(J)S	
		Receiver	800B	I 45(J)S	
	1000A	Receiver	1000A	I 45(N)S	
		Control	098085-0100	I 45(N)S	
		Antenna	247925-0001	I 45(N)S	
		Mount	088417-0003		
	1000B	Receiver	1000B	I 45(N)S	
		Control	098085-0100	I 45(N)S	
		Antenna	247925-0001	I 45(N)S	

HF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Associated Aero Enterprises Ltd					
	SSB 10/100	Transceiver	SSB 10/100	V 10(M)	
Barrett Air					
	F.24	Transceiver	F.24A/B	L 20C(PN) S	
		Antenna Coupler	F.24T	L 20(PN) S	
Brelonix Inc	SAM-100	Transceiver	SAM-100	L 10(M)	Installation must be in accordance with cabling diagram of Section II, Page 14, 8.12.71, or the Standard Configuration Section I Page 5, Revision 14.3.77 only, of the SAM-100 Instruction Manual
Codan Pty Ltd					
	HF-1000	Transceiver	1001/2	V 20C(MN) S	
		Control Head	1101/2	V 20C(MN) S	
		Ant Tuner		1201 V 20C(MN) S	
	HF-2000	Transceiver	2001/2/3/4	I 30(MNO) S	
		Control Head	2101/2/3/4	I 30(MNO) S	
		Ant Tuner	2201/2	I 30(MNO) S	
Collins Avionics					
	618T Series	Transceiver	618T-()	I 40P(T) S	When mounted on appropriate Shockmount
		Control	714E-2/3/3B/3D	I 40P(T) S	
		Control	714E-6/6A	I 40P(T) S	
		Power Supply	516H-1	I 40P(T) S	
		Inverter	488A-2	I 40P(T) S	
		Ant. Coupler	490T-1/1A	I 30(N)S	When mounted on appropriate Shockmount

HF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	628T Series	Transceiver	628T-1	I 35/I 40P(JN) S	
		Adapter	999W-1/1A	I 35/I 40P(JN) S	
		Transceiver	628T-2/2A/3/3A	I 50(JN) S	
		Adapter	999W-2/2A/3/3A	I 50(JN) S	
		Ant Coupler	490S-1	I 50(MO) S	
	718U-3	Receiver-Exciter	671U-2	I 45(PM) S	
		Power Amplifier	548S-3	I 30(JN) S (SG)	
	718U-4	Receiver Exciter	671U-4/4A	I 30(JN) S	
		Control	514A/-1A/-3/4/5	I 30(P) S	
		Power Amplifier	548T-1	I 30(JN) S	
		Power Supply	636W-1/X-2	I 30(JN) S	
	718U-5	Receiver Exciter	671U-4A	I 45(JN) (SG)	
		Pwr Amp/Coupler	548S-3	I 30(JN) (SG)	
		Pwr Amp/Coupler	548S-5	I 45(JN) (SG)	Must be pressurised
		Control	514A-3/4/5	I 45(PN)	
	HF-190	Rec/Trans	728U-2	I 50(DR)S	
		Ant. Coupler	490A-1/-2	I 50(O)S	
		Ant. Coupler	490S-4	I 50(DR)S	
		Control	514A-8	I 15/I 50C(KMP)S	
	(Gables)	Control	G6934()	I 15/I 50C(KMP)S	
	HF-200/220	Rec Exciter	TCR-200/220	I 25/I 35C(MN) S	
		Power Amp	PWR-200	I 25/I 35C(MN) S	
		Chan Control	CTL-200/201/201A/220	I 25/I 35C(MN) S	
		Ant Coupler	AAC-200/220	I 35(MN) S	
		Ant Coupler	AAC-200P-220P	I 50(MN) S	

HF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Probe/Coupler	PAC-200	I 35(V) S	
	HF-230	Rec Exciter	TCR-230	I 50(MN) S	
		Power Amp	PWR-230	I 50(MN) S	
		Chan Control	CTL-()	I 15/I 35C/I 40P(KMP) S	
	HFS-700	Transceiver	HFS-700	I 50(JN) S	
		Control	HFP-712	I 15/I 50C(KP) S	
	HF-9000	Transceiver	HF 9030	I 50 (O) S	
				(MNS)	
		Mount	MT 9030A	I 50(MNS)S	
		Control	HF 9010	I 50(MNS)S	
		Ant. Coupler	HF 9041	I 50 (O) S	
				(MNS)	
		Mount	MT 9042A	I 50(MNS)S	
King Radio Corporation					
	KHF 950	Receiver Exciter	KTR 953	I 50(MNO) S	
		Power Amp/Coupler	KAC 952	I 50(JLN) S	
		HF Control	KCU 951	I 50C(KMP) S	
	KHF 990	Transceiver	KTR 993	I 50(JMNO) S	
		Control	KFS 594	I 50C(KMP) S	
		Probe/Antenna Coupler	KAC 992	I 50(JLMNV) S	
Pantronics Corporation					
	SB-10	Transceiver	SB-10	L 10(M)	
		Control	SB10-CH	L 10(M)	
		Ant Load Unit	SB10-14/-28	L 10(M)	

HF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Sunair Electronics					
	ASB-60				Airworthiness Directive DCA / RAD / 30 applies
		Receiver/Exciter	RE600	I 45(N) S	
		P.A - P. S	PA 1010A	I 45(N) S	
		Aerial Coupler	CU-106/600	I 45(N) S	Optional, but recommended
	ASB-100				Airworthiness Directive DCA / RAD / 29 applies
		Receiver/Exciter	RE-1000	I 20(N) S	
		P.A - P. S	PA-1010	I 20(N) S	
		Control	SCU-10	I 20(N) S	
		Aerial Coupler	CU-1000/1400	I 20(J) S	Optional, but recommended
	ASB-100A				Airworthiness Directive DCA / RAD / 29 applies
		Receiver/Exciter	RE-1000	I 20(N) S	
		P. A - P. S	PA-1010A	I 20(N) S	
		Control	SCU-110	I 20(N) S	
		Aerial Coupler	CU-1000/1400	I 20(J) S	Optional, but recommended
	ASB-125				Airworthiness Directive DCA / RAD / 30 applies
		Receiver/Exciter	RE-1200	I 45(N) S	
		P.A/P.S	PA-1010A	I 45(N) S	
		Aerial Coupler	CU-110	I 45(N) S	
		Aerial Coupler	CU-1000	I 20(N) S	Optional, but recommended
	ASB-130				Airworthiness Directive DCA / RAD / 31 applies
		Receiver/Exciter	RE-1300	I 45(N) S	
		P. A - P. S	PA-1010B	I 45(N) S	
		Control	SCU-13	I 45(K) S	
		Control	MCU-13	I 45(K) S	

HF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Aerial Coupler	CU-110	I 45(N) S	Optional, but recommended
		Aerial Coupler	SAC-69	I 45(N) S	Optional, but recommended
	ASB-320				
		Transceiver		320 I 45(N) S	Airworthiness Directive DCA / RAD / 34 applies
		Control	MCU-20	I 45(K) S	
		Aerial Coupler	CU-2200	I 45(J) S	Optional, but recommended
		Aerial Coupler	SAC-69	I 30(N) S	Optional, but recommended
	ASB-500				
		Transceiver	RT-510	I 30(N) S	
		Control Head	SCU-55	I 30(K) S	
		Ant Coupler	ACU-150A / 150B	I 30(N) S	
		Ant Coupler	ACU-150D	I 35(N) S	
	ASB-850				
		Recvr-Exciter	RE-800	I 30/I 35P(N) S	
		AMP Coupler	ACU-810	I 30/I 35P(N) S	
		Control	SCU-80	I 30/I 35P(K) S	
	CU-105	Aerial Coupler	CU-105/1/A	I 45(N) S	
	CU-106	Aerial Coupler	CU-106	I 45(N) S	
	CU-110	Aerial Coupler	CU-110	I 45(N) S	
	CU-500	Aerial Coupler	CU-500/A	I 20(J) S	
	CU-600	Aerial Coupler	CU-600	I 20(J) S	
	CU-1000	Aerial Coupler	CU-1000	I 20(J) S	
	CU-1400	Aerial Coupler	CU-1400/M	I 20(J) S	
	CU-2200	Aerial Coupler	CU-2200	I 45(J) S	
	SAC-69	Aerial Coupler	SAC-69	I 30(N) S	Mount 99405 must be used

Marker

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes	
AWA (Amalgamated Wireless A/Sia Ltd	AD-708	Receiver	AD-708	I 20(L)		
	VAN-2	Receiver	VAN-2	I 10(T)		
		Indicator	VIN-2	I 10(K)		
		Antenna	VIN-2	I 10(J)		
	ARC Avionics	402A	Receiver	R-402A	I 30(M) S/I 40P(M)	
		Lights		31232		
	502 Series (Cessna 300)	Receiver	R-502 A	V 10(K)		
		Receiver	R-502 B	V 10(K)		
		Antenna	A-24 A		Optional item	
	R-33A (Cessna 800)	Receiver	R-33 A	I 45(T) S		
		Mount	M-41B			
		Control	C-83A	I 45(T) S	Optional Item	
		Antenna	A-24 A			
	R-402B	Receiver	R-402B	I 50(MNO) S		
Bendix Avionics	204A	Receiver	204A	V 10(L)		
		Three Lamp Kit	2V019-0	V 10(K)		

Marker

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	CN-2011				
		Receiver	Part of CN-2011	I 35C(MOP) S	Only Part Nos ending in -3015, -3016, -3019, -3020, -3023, -3024 have the Marker Receiver option
	CN-2012				
		Receiver	Part of CN-2012	I 35C(MOP) S	Only Part Nos ending in -3003, -3004 have the Marker Receiver option
	CN-2013				
		Receiver	Part of CN-2013	I 35C(MOP) S	Only Part Nos ending in -3303, -3304 have the Marker Receiver option
	GM-247A				
		Receiver	GM-247A	I 20(J) S	
	MKA-23A				
		Receiver	MKA-23A	I 30P(T) S	
		Mount	MTA-23A		
		VOR-ILS Mkr Ind	INA-21A	I 30P(K) S	
		Mkr Ind	IN-5A	I 30P(K) S	
		Mkr Ind	IN-5B	I 30P(K) S	
	MKA-28 Series				
		Receiver	MKA-28A	I 45(N) S	
		Receiver	MKA-28C	I 45(N) S	
		Receiver	MKA-28D	I 45(N) S	
	MKA-7A Series				
		Receiver	MKA-7A	I 30(T) S	
		Receiver	MKA-7A-1	I 30(T) S	

Marker

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Collins Radio Company	51Z-1	Receiver	51Z-1	I 30P(T) S	
		Mount	350B-1		
		Indicator	327A-1	I 30P(K) S	
		Antenna	37X-1		Optional item
	51Z-2()	Receiver	51Z-2/2A	I 30P(T) S	
		Mount	390A/B		
		Indicator	327A-1	I 30P(K) S	Optional Equipment
		Antenna	37X-1		
		Mount	390D-2		
		Indicator	327A-2	I 30P(K) S	
	51Z-3	Receiver	51Z-3	I 30P(T) S	
		Antenna	37X-2		Optional Equipment
	51Z-4	Receiver	51Z-4	I 45(T) S	
		Mount	390R-1		
		Antenna	37X-2		Optional Item
	51Z-6	Receiver	51Z-6	I 45(N) S	
		Antenna	37X-2		Optional Item
AMR-350/350H	Audio/Marker	AMR-350/350H	I 30C(P)/I 40P(P)		
	Marker Lights	MKL-350	I 30C(P)/I 40P(P)		
	Marker Lights	MKL-351	I 30C(P)/I 40P(P)		

Marker

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	MKR-350				
		Marker Recvr	MKR-350	I 30C(P)/I 40P(P)	
		Marker Lights	MKL-350	I 30C(P)/I 40P(P)	
		Marker Lights	MKL-351	I 30C(P)/I 40P(P)	
	VIR-30				
		Receiver	VIR-30A	I 45(JN) S/I 40P(JN) (G) (G)	Only receivers with Part No ending in 001 and -003 have marker receiver incorporated
		Receiver	VIR-30M	I 45(JN) S/I 40P(JN) (G) (G)	Only receivers with Part No ending in 001 and -003 have marker receiver incorporated
	VIR-31A	Receiver	VIR-31A	I 45(JN) S/I 40P(JN) S	Only receivers with Part No ending in 001 and -003 have marker receiver incorporated
Dare Inc					
	DM-3				
		Receiver	DM-3	I 30P(T) S	
		Mount	M/MB-1		
		Mount	M/MBGS-2		
		Ind Kit	3LS	I 30P(T) S	
	SSM-1				
		Receiver	SSM-1	I 45(J) S (N)	
		Mount	M/SSM-1		
		Mount	P/N 200024-31		

Marker

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Genave (General Aviation Electronics Inc)	DELTA 202				
		Receiver	Delta 202	V 10(K)	
Edo-Aire	AM-550				
		Receiver & Aud Amp & Sel	AM-550	V 15(P)	
	AM-660	MKR Recvr Aud Amp & Selector	AM-660	I 15(P)	
King Radio Corp	KGM-690				
	(Goldcrown Series also Cessna 800 Series)	Receiver	KMR-670	I 45(N) S	Unit comprises KMR-670 Receiver and KGS-680 20 Chan, glide slope receiver in single case
		Rack	KPN-71-4004		
		Indicator	KNI-500L	I 45(K) S	Optional marker indicator
	KGM-691	Receiver	KMR-670	I 45(T) S	Unit is comprised of KGS-681 G/S. Receiver and KMR-670 marker receiver in single case
	KMA-12				
		Receiver	KMA-12	V 10(K)	
KMA-20					
		Receiver	KMA-20	I 25C(K)/I 40P(K)	
		Receiver	KMA-20-03	I 25C(K)/I 40P(K)	
		Receiver	KMA-20-04	I 25C(K)/I 40P(K)	

Marker

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	KMA-24				
		Receiver & Aud Isol Amp	KMA-24	I 50C/I 40P(KMP) S	
	KMR-675				
		Receiver	KM-675	I 45(JN)S/I 40P(JN)	
		Lights	KA-35	I 45(JN)S	
		Lights	KA-40	I 40(K)	
		Antenna	KA-23	I 45(JN)	
	KR-20				
		Receiver	KR-20	V 10(T)	
		Lamp Unit		V 10(T)	
	KR-21				
		Receiver	KR-21	I 15(K)/I 40P(K)	
	KR-22				
		Receiver	KR-22	V 10(K)S	
		Annunciator Panel	KA-285	V 10(K)S	
Lear Inc					
		2200			
		Receiver		2200 I 20(L)	
		5608			
		Receiver		5608 I 30P(T)S	
Marconi Co					
	AA 6403				
		Receiver	AA 6403	I 45(J)S	
Narco Avionics					
	CP 135 TSO				

Marker

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Receiver	Option in CP 135 TSO	I 15, I 35C, I 40P(PKM) S	
	CP 136 TSO				
		Receiver	Option in CP 136 TSO	I 15, I 35C, I 40P(PKM) S	
	CP-136T-TSO				
		Receiver & Aud Isol Amp	CP-136T-TSO	I 15, I 35C, I 40P(PKM) S	
	MBT-()				
		Receiver	MBT-12	V 10(K)	
		Receiver	MBT-R	V 10(K)	
		Receiver	MBT-24	V 10(K)	
	MKR-101				
		Receiver	MKR-101	I 30(JN) S/I 40P(JN) S	
		Receiver	MKR-101R	I 30(JN) S/I 40P(JN) S	
		Receiver	MKR-101PL	I 30(JN) S/I 40P(JN) S	
	NAV 122 TSO Series				
		Receiver	Part of NAV 122 TSO	I 15, I 35C, I 40P(PKM) S	
		Receiver	Part of NAV 122A TSO	I 15, I 35C, I 40P(PKM) S	
	NAV 124 TSO				
		Receiver	Part of NAV 124 TSO	I 15, I 35C. I 40P(PKM) S	
Piper					
	PM-1				
		Receiver	PM-1	V 10(K)	

Marker

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Sperry Flight Systems/R C A	AVN-210				
		Receiver AVN-210	MI-592100, -1/-4,-6	I 30(K) S	
		Receiver AVN-210A	MI-585072,-1/-7	I 30(K) S	
		Receiver AVN-212	MI-592177, -1	I 30(K) S	
		Receiver AVN-214	MI-592178, -1	I 30(K) S	
		Marker Lamp Assy	MI-592132	I 30(K) S	Optional Items
		Antenna	MI-592130	I 45(N) S	Optional Items
	AVN-220/220A Series				
		Receiver AVN-220	MI-585031, -1, -2	I 30(K) S	
		Receiver AVN-220A	MI-585073, -1/-3	I 30(K) S	
		Marker Lamp Assy	MI-592132	I 30(K) S	Optional Items
		Antenna	MI-592130	I 45(N) S	Optional Items
GS-100B	Receiver	GS-100B	I 45(J) S (G)		
SMA-90	Receiver/Aud Amp	F-490A	I 15/I 50C(KMP) S		

Radalt

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Sperry Flight Systems	STARS AA-100	Recvr/Trans	RT-100	V 15(J)	
		Indicator	RA-100	V 15(K)	
		Antenna	AT-100	V 15(K)	
	STARS AA-200	Trans Rec	RT-220	I 45(N)S	
		Trans Rec	RT-221	I 45(N)S	
		Antenna	AT-220	I 45(N)S	
		Antenna	AT-221	I 45(N)S	
		Antenna	AT-222	I 40P(K)S	
		Indicator	RA-210	I 40P(K)S	
		Indicator	RA-220	I 40P(K)S	
		Indicator	RA-230		
		STARS AA-210	Recvr/Trans	RT-220	I 45(N)S
	Recvr/Trans		RT-221	I 45(N)S	Optional
	Indicator		RA-210	I 15(K)/I 40P(K)	
	Antenna		AT-220	I 45(N)S	
	Antenna		AT-221	I 45(N)S	Optional
	Antenna		AT-222	I 45(N)S	Optional
	STARS AA-215	Recvr/Trans	RT-220	I 45(N) S	
		Recvr/Trans	RT-221	I 45(N) S	Optional
		Indicator	RA-215	I 15(K)/I 40P(K)	
		Antenna	AT-220	I 45(N) S	
		Antenna	AT-221	I 45(N) S	Optional
		Antenna	AT-222	I 45(N) S	Optional
	STARS AA-220	Antenna	AT-224	I 45(N) S	Optional

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Recvr/Trans	RT-220	I 45(N)S	
		Recvr/Trans	RT-221	I 45(N)S	Optional
		Indicator	RA-220	I 15(K)/I 40P(K)	
		Antenna	AT-220	I 45(N)S	
	AA-221				
		Recvr/Trans	RT-221	I 45(N) S	
		Indicator	RA-215	I 15(K)/I 40P(K)	
		Antenna	AT-220	I 45(N) S	
		Antenna	AT-221/222/224	I 45(N) S	
	AA-230				
		Recvr/Trans	RT-220	I 45(N)S	
		Indicator	RA-230	I 15(K)/I 40P(K)	
		Antenna	AT-220	I 45(N)S	
	AA-235				
		Recvr/Trans	RT-220	I 45(N)S	
		Indicator	RA-235	I 15(K)/I 40P(K)	
		Antenna	AT-220/221/222	I 45(N)S	
	AA-300				
		Recvr/Trans	RT-300	I50(JN) S	
				(S)	
		Indicator	RA-315/335	I 15/I 50C(KMP) S	
		Antenna	AT-220/223/300	I 50(N) S	
TRT (Telecommunications Radioelectriques et Telephoniques)					
	AHV5-011A				
		T/R Unit	AHV5-011A	I 20(J)S/I 40P(J)S	
		Indicator	AHV5-121, -2, -3, -4	I 20(K)/I 40P(K)	
		Indicator	AHV5-221	I 20(K)/I 40P(K)	
		Antenna	AHV5-401	I 45(J)S	
		Antenna	AHV5-501, -1	I 45(J)S	

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	AHV-8	Transceiver	ERT-011/111()	I 20/I 40P(JM)S	
		Indicator	IND-021	I 20/I 40P(P)S	
		Antenna	AHV6-123	I 50(M)S	
		Antenna	ANT-124/133	I 50(M)S	
	AHV-530A				
		Transceiver	ERT-530A	I 15/I 40P(J) S	
		Indicator	IND-231A	I 15/I 40P(N) S	
		Indicator	IND-521	I 20/I 40P(N) S	
		506			
		Trans Rec		516 I 40P(N) S	
		Indicators	552A/B	I 40P(K) S	
		Antennas	530A/B	I 45(N) S	
Bendix Avionics					
	ALA-51				
		Trans-Rec	ALA-51A	I 45(N) S	
		Antennas	ANA-51A/C/D	I 45(N) S	
		Indicator	INA-51A/B/D	I 30(K) S	
		Indicator	INA-51V	I 30(K) S	
Collins Avionics					
	860F-4				
		Trans-Rec	860F-4	I 50(JN) S	
		Indicator	DRI-55()	I 15/I 35C/I 40P(KMP) S	
	AL-101				
		Trans-Rec	860F-1	I 45(J) S/I40P(J)	
		Antennas	437X-1/A/B	I 45(N) S	
		Indicator	339H-1	I 40P(P)	
		Indicators	339H-1A/B/C	I 40P(P)	
		Indicator	339H-2/3	I 40P(P)	
		Indicator	339H-5	I 15/I 40P(MO) S	

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Indicator	339H-6	I 15/I 20C/I 40P(K) S	
	ALT-50				
		Trans-Rec	860F-2	I 45(JN) S/I 40P(JN) S	
		Antennas	437X-I/A/B	I 45(N) S	
		Indicator	339H-2/3	I 40P(P)	
	ALT-50A				
		Trans-Rec	ALT-50A	I 45(JN) S/I 40P(JN) S	
		Indicator	339H-4/4A	I 40P(P)	
		Antenna	437X-1, -1A, -1B	I 45(N) S	
	ALT-55				
		Recivr/Trans	ALT-55B	I 45(JN) S/I 40P(JN)	
		Indicator	ALI-55/A	I 15(P)/I 40P(P)	
		Indicator	DRI-55	I 15/I 35C/I 40P(KMP) S	
		Antenna	437X-1, -1A, -1B	I 45(N) S	
	LRA-700				
		Recvr/Trans	LRA-700	I 50(JN) S	
		Indicator	RAI-742	I 15/I 20C/I 40P(K) S	
Japan Aviation Electronics					
	JRA-100				
		Recvr-Trans Ant	JRTA-100	I 50(JN) S	
		Indicator	JID-106	I 15/I 50C(KMP) S	
		Indicator	JID-107	I 15/I 50C(KMP) S	
King Radio Corp					
	KRA-10/10A				
		Recvr-Trans	KRA-10/10A	V 20(M) S	
		Indicator	KI-250	V 20(K) S	
		Antenna	KA-131	V 20(L) S	
		Converter	KA-133	V 20(M) S	

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	KRA 405				
		Recvr-Trans	KRA 405	I 45(JN) S/I 40P(JN) S	
		Indicator	KNI 415	I 40P(P) S/I 15(P) S	
		Indicator	KNI 416	I 40P(P) S/I 15(P) S	
		Antenna	KA 54	I 45(N) S	

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Aircom (Airborne Communication Service)					
	LVC-3 Series				
		Transceiver	LVC-3A-()	V 10(K)	
		Transceiver	LVC-3B-()	V 10(K)	
		Transceiver	LVC-3C-()	V 10(K)	
		P. U/Modular	LPM-3A-14	V 10(L)	
		P. U/Modular	LPM-3A-28	V 10(L)	
		P. U/Modular	LPM-3B-14	V 10(L)	
		P. U/Modular	LPM-3B-28	V 10(L)	
	LVC-4 Series				
		Transceiver	LVC-4-14	V 10(K)	
		Transceiver	LVC-4-28	V 10(K)	
ARC (Aircraft Radio and Control) (formerly Aircraft Radio Corporation)					
	131A				
	(Cessna 800)	Transceiver	RT-131A	I 45(N) S	
		Accessory Unit	RTA-131B	I 45(N) S	
		Control	C-131A	I 45(N) S	
		Mounting		36450	
		Mounting		36280	
		Mounting		34980	
		Mounting		36320	
		Antenna	A-25D		Optional Items
		Antenna	A-29C		Optional Items
	131B				
		Transceiver	RT-131A	I 45(N) S	
		Accessory Unit	RTA-131B	I 45(N) S	

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Control Unit	C-131A	I 45(N) S	
	210 System				
		Transceiver	RT-11A	I 45(T) S	When installed on appropriate Shockmount
		Shockmount	M-31A		
		Power Unit	P-15A	I 45(T) S	When installed on appropriate Shockmount
		Shockmount	M-32A		
		Control Unit	C-67A/E	I 45(T) S	
		Power Unit	DV-15A	I 45(T) S	When installed on appropriate Shockmount
		Control	C-100A	I 45(T) S	
	270 System				
		Transmitter	T-27A	I 45(T) S	
		Receiver	R-38A	I 45(T) S	
		Control Unit	C-100A	I 45(T) S	
		Antenna	A-25A		Optional Items
		Antenna	A-15		Optional Items
		Control Unit	C-82A	I 45(T) S	
		Control Unit	CC-10A	I 45(T) S	
		Shockmount	M41A		
	280 System				
		Transmitter	T-25C	I 20(T) S	
		Transmitter	T-25A	I 20(T) S	
		Receiver	R-38A	I 45(T) S	
		Control Unit	C-100A	I 45(T) S	
		Antenna	A-25A		Optional Items
		Antenna	A-15		Optional Items
		Mounting	M-41A		
		Mounting	M-42A		
		Mounting	M-43A		
		Mounting	M-44A		

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	302 Series				
		Transceiver	RT-302A	I 20(T) S	
		Transceiver	RT-302H	I 20(T) S	Approval conditional on deactivation of transmitter on frequencies below 118.00 MHz
		Transceiver	RT-302G	I 20(T) S	
		Mounting	M-301A		
		Mounting	M-302A		
		Mounting	M-303A		
		Mounting	M-304A		
		Dynaverter	DV-302A	I 20(T) S	
		Dynaverter	DV-302B	I 20(T) S	
		Mounting	M-301G		
		Mounting	M-302G		
		Mounting	M-306H		
		Mounting	M-335A		
	331A				
		Transceiver	RT-331A	I 45(K) S	
		Access Unit		I 45(L) S	
	432A				
	Cessna 400	Transceiver	RT-432A	I 30(K) S/I 40P(K)	
		Accessory Unit	RTA-432A	I 30(J) S/I 40P(J)	
		Mount	36450-0000		
	524A				
	(Cessna 300)	Transceiver	RT-524A	V 10(K)	
		Mounting	M-514A		
		Antenna	A-25D		Optional Item
		Antenna	A-29A		Optional Item
	532A				

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	(Cessna 400)	Transceiver	RT-532A	I 20(K) S	
		Access Unit	RTA-532B	I 30(J) S	
		Mounting	M532A		
		Antenna	A-25A		Optional Items
		Antenna	A-29A		Optional Items
		Antenna	A-25D		Optional Items
		Antenna	A-29C		Optional Items
	532B				
		Transceiver	RT-532B	I 20(K) S	
		Accessory Unit	RTA-532B	I 20(J) S	
		Accessory Unit	RTA-532B-1	I 20(J) S	
	831A				
		Transceiver	RT-831A)	I 45(J)S/I 40P(J)	
		Accessory Unit	RTA-831A)	(N) (N)	
		Control	C-831A)		
		Control	C-831S)	I 45(N)S/I 40P(N)	
		Mount		36450	
				34980	
				36280	
				36320	
	1038A				
	1000 Series	Transceiver	RT-1038A	I 40P(J)/I 45(J)S	
		Control Unit	C-1038A	I 40P(K)/I 45C(K)	
		Antenna	A-29C	I 45(J)S	
		Control	C-1038B	I 15/I 50C(KMP) S	
Ash Ltd (Avionics Systems (Heathrow Ltd)					
	ASH 360				
		Transceiver	ASH 360	V 10(M)	

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes	
AWA (Amalgamated Wireless A/sia Ltd)	VC-10 Series					
		Transceiver	VC-10D	V 10(K)	AWA modification for 20 channel operation is approved	
		Transceiver	VC-10DA	V 10(K)	AWA modification for 20 channel operation is approved	
		Transceiver	VC-10DB	V 10(K)	AWA modification for 20 channel operation is approved	
		Transceiver	VC-10R	V 10(L)		
		Transceiver	VC-10RB	V 10(L)		
		Control Unit	VCC-10	V 10(K)		
		Shockmount	GB770-2G			
		VAC-2				
			Transceiver	VAC-2	V 10(L)	
			Control	VCC-2	V 10(K)	
	BEI (Bayside Electronics Ltd)	BEI 1060A				
		Transceiver	BEI 1060A	V 10(K)		
BEI-990-5 Series		Transceiver	BEI-990-5	V 10(K)		
			BEI-990-5H	V 10(K)		
			BEI-990-5PH	V 10(K)	Only where permanent installation is impractical or undesirable. The equipment must be made secure within the aircraft, and connected to an externally installed antenna. Use with the Bayside whip antenna within the aircraft is not permitted	

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
			BEI-990-5PH	V 10(K)	Only where permanent installation is impractical or undesirable. The equipment must be made secure within the aircraft, and connected to an externally installed antenna. Use with the Bayside whip antenna within the aircraft is not permitted
	BEI-990				
	Series	Transceiver	BEI-990	V 10(K)	Airworthiness Directive DCA/RAD/25, effective from 1.12.1974 applies
		Transceiver	BEI-990E	V 10(K)	A) Approval conditional on deactivation of transmitter on all frequencies below 118.000 MHZ. C) Airworthiness Directive DCA/RAD/25, effective from 1.12.1974 applies
		Transceiver	BEI-990H	V 10(K)	Airworthiness Directive DCA/RAD/25, effective from 1.12.1974 applies
		Transceiver	BEI-990P	V 10(K)	B) Only where permanent installation impractical or undesirable. The equipment must be installed in F171 accordance with approved drawings. Use with the Bayside whip antenna within the aircraft is not permitted. C) Airworthiness Directive DCA/RAD/25, effective from 1.12.1974 applies
		Voltage Reg	BEI-990A	V 10(L)	

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Becker Flugfunkwerke GmbH	AR-380				
		Transceiver	AR 380	I 20(T) S	
	AR-400				
		Transceiver	AR 400	I 20(N) S	
		Voltage Reg	VR 14/4	I 20(N) S	
	AR 12M				
		Transceiver	AR 12M	V 10(K)	
		P/S Amp		V 10(L)	
	AR 2008 Series				
		Transceiver	AR 2008	V 10(J) (N)	
		Transceiver	AR 2008/25	V 10(J) (N)	
		Voltage Reg	VR 14/4	I 30(J)S (N)	
	AR 2009 Series				
		Transceiver	AR 2009	I 25C(J)/I 25P(J) (N) (N)	
		Transceiver	AR 2009/25	I 25C(J)/I 25P(J) (N) (N)	
		Voltage Reg	VR 14/4	I 30(J)S (N)	
	AR 2010 Series				
		Transceiver	AR 2010	I 25C(J)S (N)	
		Transceiver	AR 2010/25	I 25C(J)S	

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
				(N)	
		Voltage Reg	VR 14/4	I 30(J)S	
				(N)	
	AR 2011 Series				
		Transceiver	AR 2011	I 30(J)S	
				(N)	
		Transceiver	AR 2011/25	I 30(J)S	
				(N)	
		Voltage Reg	VR 14/4	I 30(J)S	
				(N)	
	AR 3201				
		Transceiver	AR 3201	I 15/I 50C(MNO) S	
Bendix Avionics					
	21 Series				
		Transmitter	TA-21A-1	I 30P(T)	
		Receiver	RA-21A	I 30P(T)	
		Controller	CNA-21C	I 30P(T)	
		Controller	CNA-21CX	I 30P(T)	
		Shockmount	MTA-21A		
		Shockmount	MTA-21B		
		Shockmount	MTA-21D		
	22 Series				
		Transmitter	TA-22B	I 30P(T)	Approval conditional on deactivation of transmitter on all frequencies below 118.00 MHz
		Receiver	RA-22B	I 30P(T)	
		Control	CNA-22YCS	I 30P(T)	
	RA-18C				
		Receiver	RA-18C	I 30P(T) S	When mounted on mounting base
		Mounting Base	MR-93B		

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Power Supply	MP-88B	I 30P(T) S	
		Power Supply	MP-89AC	I 30P(T) S	
		Control Unit	SLA-18	I 30P(T) S	
		Control Unit	MS-258	I 30P(T) S	
	TA-20A	Transmitter	TA-20A	I 30P(T) S	When mounted on shockmount
		Power Supply	DYA-20A	I 30P(T) S	
		Power Supply	PSA-20A	I 30P(T) S	
		Control Unit	SLA-18()	I 30P(T) S	
		Shockmount	MTA-20A		
		Shockmount	MTA-18A		
Bendix Corp					
	RT-221 ()				
	(Part of CNS-220A System)	Transceiver	RT-221A-14	L 20C(J)	
		Transceiver	RT-221A-28	L 20C(J)	
		Transceiver	RT-221AE-14	L 20C(J)	Approval conditional on deactivation of the transmitter on frequencies below 118.00 MHz
		Transceiver	RT-221AE-28	L 20C(J)	Approval conditional on deactivation of the transmitter on frequencies below 118.00 MHz
	RT-221				
	Part of CSN-220B System)	Transceiver	RT-221	I 20(K) S/I 40P(K)	A) Classification applies only to units with Part No 4000195-2101, /2102, /2103, /2104 (Trophy Line) B) Units with Part Nos 4000195-2103, /2104 are required to have transmitter deactivated on frequencies below 118.00 MHz to gain approval
	RT-241A				

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Transceiver	RT-241A	I 20(K) S	
		Transceiver	RT-241B	I 20(K) S	
		Power Supply	PS-243A	I 20(N) S	
	RTA-41 Series	Transceiver	RTA-41A	I 45(N) S	
		Transceiver	RTA-41B	I 45(N) S	
		Control	CNA-23C	I 45(N) S	
		Control	CNA-23CN	I 45(N) S	
		Antenna	ANA-22B		Optional items
	RTA-42A	Transceiver	RTA-42A	I 45(N) S	Approval conditional on deactivation of the transmitter on frequencies below 118.00 MHz
		Control	CNA-23CN	I 45(N) S	
	RTA-43A	Transceiver	RTA-43	I 45(O) S/ (J)	
		Control		I 40P(O) (J)	
	RTA-44A	Transceiver	RTA-44A	I 50(J) S	
	VCS-40A	Transceiver	VC-401A/B	I 50(MNO) S	
		Control Display	CD-402A/B	I 15/I 50C(KMP) S	
C. F. S	CC262	Transceiver	CC262	V 10(K)	Approval conditional upon deactivation of transmitter on all frequencies below 118.00 MHz

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Collins Radio Company	17L4	Transmitter	17L4	I 30P(T)	When installed in Shockmount
		Power Supply	416Z-1	I 30P(T)	
		Power Supply	516J-1	I 30P(T)	
		Shockmount	350J-3		
		Freq Cont Unit	314Y-2	I 30P(T)	
		Freq Cont Unit	614F-1	I 30P(T)	
		Freq Cont Unit	614F-2	I 30P(T)	
		Freq Cont Unit	614X-1	I 30P(T)	
		Shockmount	350F-3		
	17L-7	Transmitter	17L-7	I 30P(T) S	When installed on Shockmount
		Power Supply	516D-1	I 30P(T) S	
		Power Supply	516C-1	I 30P(T) S	
		Shockmount		3.90E+00	
		Shockmount	349H-3		
		Control	614U-1/2	I 30P(T) S	
		Control	614F-1	I 30P(T) S	
		Control	614F-2	I 30P(T) S	
		Control	614X-1	I 30P(T) S	
	17L-8 Series	Transmitter	17L-8	V 10(T) S	
Transmitter		17L-8A	V 10(T) S		
Mod -P/S		427A-1	V 10(T) S		
618F Series	Transceiver	618F-1	I 30P(T) S		
	Transceiver	618F-1A	I 30P(T) S		

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Transceiver	618F-1B	I 30P(T) S	Approval conditional on deactivation of transmitter on frequencies below 118.00 MHz
		Transceiver	618F-1C	I 30P(T) S	When installed on Shockmount
		Transceiver	618F-1D	I 30P(T) S	A) When installed on Shockmount. B) Approval conditional on deactivation of transmitter on frequencies below 118.00 MHz
		Mod-P/S	427D-1	I 30P(T) S	When installed on Shockmount
		Control	314U-10A	I 30P(T) S	
		Control	313N-1	I 30P(T) S	
		Shockmount	549-3896-00		
		Shockmount	549-1435-00		
	618M-1 Series				
		Transceiver	618M-1	I 45(J) S	When installed on Shockmount
			618M-1A	I 45(J) S	A) When installed on Shockmount. B) Approval conditional on deactivation of transmitter on frequencies below 118.00 MHz
			618M-1B	I 45(J) S	When installed on Shockmount
			618M-1C	I 45(J) S	A) When installed on Shockmount. B) Approval conditional on deactivation of transmitter on frequencies below 118.00 MHz
			618M-1D	I 45(J) S	A) When installed on Shockmount. B) Approval conditional on deactivation of transmitter on frequencies below 118.00 MHz
		Control	313N-1	I 45(J) S	
			313N-2	I 45(J) S	
			313N-3	I 45(J) S	
		Shockmount	390Y-2/2A		
	618M-2 Series				

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Transceiver	618M-2B	I 45(N) S	Installed on Shockmount
		Transceiver	618M-2D	I 45(N) S	A) When installed on Shockmount. B) Approval conditional on deactivation of transmitter on frequencies below 118.00 MHz
	618M-3 Series				
		Transceiver	618M-3)	I 45(JN) S/I 40P(JN) S	Approval conditional on deactivation of transmitter on frequencies below 118.00 MHz
			618M-3a)	(G) (G)	
Collins Avionics					
	VHF-20				
		Transceiver	792-6657-001)	I 45(JN) S/	
		Transceiver	792-6657-003)	(G)	
		Transceiver	792-6657-004)	I 40P(JN) S	
		Control	313N-4A)	(G)	
		Antenna	37R-4	I 45(N) S	
		Adapter	CAD-31	I 50(JN)S	
	VHF-20A				
		Transceiver	622-1879-001)	I 45(JN) S/I 40P(JN)	
			622-1879-022)	(G) (G)	
	VHF-20B				
		Transceiver	622-1334-001)	I 45(JN) S/I 40P(JN)	
			622-1334-002)	(G) (G)	
	VHF-21/22				
		Transceiver	VHF-21A/B	I 50(JN) S	
		Transceiver	VHF-22A/B	I 50(JN) S	
		Control	CTL-()	I 15/I 35C/I 40P(KMP) S	
	VHF-250 Series				

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Transceiver	VHF-250/250S	I 30C(P) S/I 30P(P)	
		Transceiver	VHF-250E	I 30C(P)/I 40P(P)	
		Antenna	ANT-251	I 45(J) S	
		Power Conv	PWC-150	I 20(N) S/I 30C(N) S	
	VHF-251 Series				
		Transceiver	VHF-251/251E	I 30C(P)/I 30P(P)	
		Transceiver	VHF-251S	I 30C(P)/I 30P(P)	
		Power Conv	PWC-150	I 20(N) S/I 30C(N) S	
		Antenna	ANT-251	I 45(J) S	
	VHF-253/253S				
		Transceiver	VHF-253/253S	I 15/I 35C/I 40P(KMP) S	
	VHF-422				
		Transceiver	VHF-422A/B	I 50(JN)S	
		Control	RTU-870	I 20/I 35C/I 40P(KMP)S	
	VHF-700				
		Transceiver	VHF-700	I 50(JN) S	
		Control	VFP-712	I 15/I 50C(KP) S	
DARE Inc					
	DTX-10				
		Transceiver	DTS-10	I 30P(T)S	
		Control	C/360 B2A	I 30P(T)S	
		Control	C/D TX-10	I 30P(T)S	
	DTX-25 Series				
		Transmitter	DTX-25	I 30P(T)S	When installed on Shockmount
		Transmitter	DTX-25E	I 30P(T)S	A) When installed on Shockmount. B) Approval conditional on deactivation of transmitter frequencies below 118.00 MHz
		Control	CD/480C-25	I 30P(T)S	
		Control	CD/25	I 30P(T)S	

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Shockmount	M/DTX-25		
	DTR-360				
		Transceiver	DTR-360	I 30P(T)S	
		Control	C/360	I 30P(T)S	
		Control	C/360A	I 30P(T)S	
		Shockmount	M/360		
		Antenna	DBA-1		Optional Item
	DTR-360A				
		Transceiver	DTR-360A	I 30P(T)S	
		Control	C-360A-1	I 30P(T)S	
		Control	C-360-2	I 30P(T)S	
		Control	C-360-3	I 30P(T)S	
		Control	C-360A-2	I 30P(T)S	
		Mount	M-360A		
	DTR-360B				
		Transceiver	DTR-360B	I30P(T)S	
		Control	C/360B-1	I30P(T)S	
		Control	C/360B-2	I30P(T)S	
		Control	CD/360	I30P(T)S	
		Mount	M/360A-1		
		Antenna	DBA-1		Optional Item
	DTR-360C				
		Transceiver	DTR-360C	I 30P(T)S	
		Control	C/360B-1	I 30P(T)S	
		Control	C/360B-2	I 30P(T)S	
		Control	C/360B-2S	I 30P(T)S	
		Shockmount	M/360A-1		
		Antenna	DBA-1		
	DR-480 Series				
		Receiver	DR-480	I 30P(T)S	

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Control	CD/480C-25	I 30P(T)S	
		Shock Isol	120111-31		
		Power Conv	DPC-480	I 30P(T)S	
	SST-1				
		Transmitter	SST-1	I 20(J)S	
		Transmitter	SST-1(E)	I 20(J)S	Approval conditional upon deactivation of transmitter on all frequencies below 118.00 MHz
		Power Conv	DPC-1	I 20(J)S	
Dittel Avionic GMBH					
	ATR-720				
		Transceiver	ATR-720()	L 15(M) S	
	FSG-15/16				
		Transceiver	FSG-15/16	V 10(K) S	
	FSG-50/60				
		Transceiver	FSG-50/60	I 20(MNO) S	
	FSG-70/71M				
		Transceiver	FSG-70/71M	I 20(MNO) S	
Edo-Aire					
	RT-551				
		Transceiver	RT-551	L 15(P)	
		Power Conv	PS-556	L 15(P)	
	RT-661				
		Transceiver	RT-661	I 15(P)	
		Power Conv	PS-661	I 15(P)	
	RT-771	Transceiver	RT-771	V 10(K)S	

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Genave (General Aviation Electronics Inc)	ALPHA 6				
		Transceiver	ALPHA 6	V 10(K)	Portable transceiver. ANO 100.37 specifies installation requirements
	ALPHA/10-10				
		Transceiver	ALPHA/10-10	V 10(K)S	
	ALPHA 12				
		Transceiver	ALPHA 12	V 10(K)	
	ALPHA/100				
		Transceiver	ALPHA/100	V 10(K) S	
		Transceiver	ALPHA/100-360	V 10(K) S	
	ALPHA 720				
	Transceiver	ALPHA 720	V 10(K)		
ICOM Incorporated Osaka Japan	IC-A200				
		Transceiver	IC-A200	V	
King Radio Corp	KTR-900 Series				
		Transceiver	KTR-900	I 45(J) S	
		Transceiver	KTR-900A	I 45(J) S	
		Control	KFS-590	I 45(J) S	

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	KTR-905 Series				
		Transceiver	KTR-905	I 45(N) S	
		Transceiver	KTR-905E	I 45(N) S	
		Control	KFS-590B	I 45(P)	
		Control	KCU-591	I 15(P)/I 40P(P)	
	KTR-908				
		Transceiver	KTR-908	I 50(MNO) S	
		Control	KFS-598	I 15/I 50C(KMP) S	
	KTR-9000				
		Transceiver	KTR-9000	I 45(J) S	
		Control	KFS-590	I 45(J) S	
	KTR-9100 Series				
		Transceiver	KTR-9100	I 45(J) S	
		Transceiver	KTR-9100A	I 45(J) S	
		Control	KFS-590	I 45(J) S	
		Control	KFS-590A	I 45(J) S	
	KY-90A				
		Transceiver	KY-90A	V 10(K)	
		Power Sup Mod	KS-501A	V 10(L)	
		Power Sup Mod	KS-502A	V 10(L)	
	KY-92				
		Transceiver	KY-92	I 15(P) S	
	KY-95				
		Transceiver	KY-95E	V 10(K)	
		Transceiver	KY-95E	V 10(K)	Approval conditional deactivation of transmitter on frequencies below 118.00 MHz
		P/S-Mod	KS-501A	V 10(L)	
		P/S-Mod	KS-502A	V 10(L)	

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	KY-96A/97A	Transceiver	KY-96A/97A	I 15/I 20C(KMP)S	
	KY-195/195B/BE	Transceiver	KY-195/B/BE	I 20C(K)	
		Voltage Converter	KA-39	I 30(N) S/I 40P(N) S	
	KY-196/196E	Transceiver	KY-196/196E	I 50(KMP) S	
		Transceiver	KY-196A	I 15/I 50C(KMP)S	
	KY-197/197E	Transceiver	KY-197/197E	I 35/I 35P(KMP) S	
		Transceiver	KY-197A	I 15/I 35C(KMP)S	
Lear Inc					
	5640	Transmitter	5640	V 10(K)	Part of Nav Com 100 System
		P/S Mod	2355	V 10(K)	
	5609	Receiver	5609	V 10(K)	Part of Nav Cam 100 System
		P/S Mod	2355	V 10(L)	
		Shockmount			
	LVTR-36	Transceiver	2209-A/-B	V 10(L)	
		Freq Sel	2207-C/-D	V 10(K)	
		Shockmount	97044		
Marconi Company					
	AD 120	Transceiver	AA 1201	I 50(J)S	

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Control	AA 1202	I 50(J)S	
	AD 160				
		Transceiver	6400	I 45(J) S	
		Transceiver	6400 A	I 45(J) S	
		Receiver	6401	I 45(J) S	
	AD 170				
		Transceiver	AA 1701	I 45(J) S	
		Transceiver	AA 1703	I 45(J) S	
Motorola Aviation Electronics Inc					
	M-400 System				
		Transceiver	M-400	V 10(K)	
		Power Supply		V 10(L)	
Murphy Radio Ltd					
	MR 60 Series				
		Transceiver	MR60-TR41	V 10(L)	
		Transceiver	MR60B-TR41	V 10(L)	
		Control	VFC-39	V 10(K)	
		Rack	MC 49		
	MR 80 Series				
		Transceiver	MR80-TR41	V 10(L)	
		Control	VFC-82	V 10(K)	
		Rack	MC49		
Narco Avionics					
	Sapphire 1016A				
	Model VSC-2	Transmitter	VST-1A	I 20(T)	
		Receiver	VSR-1A	I 20(T)	
		Power Unit	VSP-2A ()	I 20(T)	

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Shockmount	VSS-2		
		Antenna	VSAC-1		
		Antenna	VSAN-1		
		Selector		61263 I 20(T)	
		Selector		61254 I 20(T)	
		Selector		61256 I 20(T)	
	Sapphire 1021 Model VSRP-1	Receiver	VSR-1A	I 20(T)	
		Power Supply	VSP-2A ()	I 20(T)	
		Shockmount	VSS-2		
		Antenna	VSAC-1		
		Antenna	VSAN-1		
		Selector		61256 I 20(T)	
		Selector		61254 I 20(T)	
		Selector		61263 I 20(T)	
	Com. 10 (Spectrum Line)	Transceiver	COM10	V 20C (M) S	
		Transceiver	COM 10A	V 20C (M) S	
		Voltage Converter	MP-10	I 30 (N) S/I 40P(N) S (L) L	
	COM 11 (Spectrum Line)	Transceiver	COM 11	L 20C(M) S	
		Transceiver	COM 11A	L 20C(M) S	
		Transceiver	COM 11B	L 20C(M) S	
		Voltage Converter	,P-10	I 30(N) S/I 40P(N) S (L) L	
	COM 100 (Executive Line)	Transceiver	COM 100	I 15(K)	
		Mod P/A	MP 100/14	I 15(K)	
		Mod P/A	MP 100/28	I 15(K)	

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	Com 110 (TSO'd Spectrum Line)	Transceiver	COM 110 TSO	V 20(P) S	
		Voltage Converter	MP 110	I 30(N) S/I 40P(N) S (L) (L)	
	COM 111 (TSO'd Spectrum Line)	Transceiver	COM 111 TSO	I 20C(P)	
		Transceiver	COM 111B TSO	I 20C(P)	
		Voltage Converter	MP 110	I 30(N) S/I 40P(N) S (L) (L)	
	COM 120 TSO				
		Transceiver	COM 120 TSO	I 15/I 35C/I 40P(KMP) S	
		Transceiver	COM 120/20 TSO	I 15/I 35C/I 40P(KMP) S	
	COM 810/811 TSO				
		Transceiver	COM 810/811 TSO	I 15/I 35C/I 40P(KMP) S	
	ESCORT II				
		Transceiver	ESCORT II	V 10(K)	
	TR 1000A				
		Transceiver	TR 1000A	V 10(M)	Installation is subject to requirements of Air Navigation Order 100.37 Paragraph 3.2
Plessey Co	PTR 61 Series				
		Transceiver	PTR-61 E	V 20(L)	
		Transceiver	PTR-F	V 20(L)	
		Transceiver	PTR-G	V 20(L)	
		Transceiver	PTR-H	V 20(L)	
		Controller	QDA-3532	V 20(L)	
		Controller	QDA-3533	V 20(L)	
		Controller	QDA-3508/9	V 20(L)	

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Radair					
	RADAIR 10B	Transceiver	RADAIR 10B	V 15(J) S	
	RADAIR 360	Transceiver	RADAIR 360	V 20C(M)	
		Voltage Converter	RC-28	V 20C(M)	
R.C.A					
	AVC-110	Transceivers	MI-592114,-1/-3	I 30(J) S	
		Antenna	MI-592127		Optional Items
		Antenna	MI-592128,-1		Optional Items
	AVC-110A	Transceivers	MI-525074,-1/-7	I 45(J) S	
		Antenna	MI-592127		Optional Items
		Antenna	MI-592128,-1		Optional Items
	AVC-111	Transceiver	MI-585044-A	I 30(J) S	
	AVC-111A	Transceiver	MI-585044,-1/-7	I 45(J) S	
		Antenna	MI-592127		Optional Items
		Antenna	MI-592128,-1		Optional Items
Rex Aviation					
	VTR-5 Series	Transceiver	VTR-5R	V 10(L)	
		Transceiver	VTR-5RT	V 10(L)	
		Rack	RA-11		
		Control	RA/VTR-5RT	V 10(K)	

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Skycom Electronics					
	SCV-10D				
		Transceiver	SCV-10D	V 10(K)	
Skycrafter					
	SKY-505				
		Transceiver		V 10(K)	
		Power Supply		V 10(L)	
Sperry Flight Systems					
	CT-107B				
		Transceiver	CT-107B	I 45(J) S	Means must be provided to ensure that the transmitter will not operate on frequencies between 116.00 MHz and 117.975 MHz
		Mount	P/N 6088417-003		
Sunair Electronics Inc					
	SA-90 Series				
		Transceiver	SA-90	V 10(L)	
	SA-360 Series				
		Transceiver	SA-360	V 10(K)	
		Transceiver	SA-360E	V 10(K)	Approval conditional on deactivation of transmitter on frequencies below 118.00 MHz
		Mod -P/S	SAV-901	V 10(L)	
		Mod -P/S	SAV-902	V 10(L)	
Tait Electronics Ltd					
	T172A/25/AV				

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Transceiver	T172A/25/AV	V 10(K)	
	T373				
		Transceiver	T373	V 10(N) S	
Terra Corporation					
	TPX 10				
		Transceiver	TPX 10	V 10(K)	A) Portable transceiver. ANO 100.37 specifies installation requirements. B) Special conditions may apply when fitted to gliders
	TX 720				
		Transceiver	TX 720	V 10(K)	
	TX 760D				
		Transceiver	TX 760D	V	
TKM Incorporated Scottsdale AZ USA					
	MX-11				
		Transceiver	MX-11	V	
Wilcox Electric Co					
	705A				
		Transceiver		I 30P(T) S	
	707 Series				
		Transceiver		I 30P(T) S	
	807 Series				
		Transceiver		I 45P(N) S	

VHF Com

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	1007A Series				
		Transceiver		I 45(N) S	
Wright Airborne Electronics					
	Executive 60				
		Transceiver	Executive 60	V 10(K)	
		Dynamotor		V 10(L)	
		Transistor P/S		V 10(L)	
	Executive 90				
		Transceiver	Executive 90	V 10(K)	
		Dynamotor		V 10(L)	
		Transistor P/S		V 10(L)	
Wulfsberg Electronics Inc					
	WT-200				
		Transceiver	WT-200	I 50(JN) S (G)	
	WT-2000				
		Transceiver	WT-2000	I 50(JN) S	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes	
ARC (Aircraft Radio and Control) (formerly Aircraft Radio Corporation)	15F Series	Receiver	R-34	I 45(T) S	When installed on mounting	
		Dynaverter	DV-10A	I 45(T) S		
		Dynaverter	DV-11A	I 45(T) S		
		Converter	B-13A-1	I 45(T) S		
		Rack	E-14			
		Rack	E-14A-1			
		Rack	E-15			
		Rack	E-16			
		Rack	E-16A-1			
		Mounting	M-10			
		Mounting	M-25			
		Control	C-81A	I 45(T) S		
		Control	C88A	I 45(T) S		
		Control	C97A	I 45(T) S		
		Antenna	A-13B		Optional item	
		Indicator	IN-10	I 45(K) S		
		Indicator	IN-10-1, -2	I 45(K) S		
		15G Series	Receiver	R-35A	I 45(T) S	When installed on mounting
			Converter	B-15A	I 45(T) S	
			Indicator	IN-10-1	I 45(T) S	
Control	C-85A		I 45(T) S			
Control	C-101A		I 45(T) S			
Mounting	M-41A					
Mounting	M-42A(II)					

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Antenna	A-13B		Optional item
	41A Cessna 800				
		Receiver	R-41A	I 45(N) S	
		Mounting		36450	
		Converter	B-41A	I 45(N) S	
		Mounting		36450	
		Control	C-41A	I 45(N) S	
		Course Ind	IN-41A	I 40P(K)/I 45C(K)	
	308C				
		Transceiver	RT-308C	V 15(M)	
		Course Indicator	IN-514R	V 15(M)	
			(P/N 31640-0000)		
		Course Indicator	IN-514R-1	V 15(M)	
			(P/N 34360-0000)		
		Voltage Converter	P-528A	I 15(M)/I 40P(M)	
	317A				
	(Cessna Nav-Cam 500)	Transceiver	RT-317A	I 20(T)S	When units installed on respective mountings. Optional Marker receiver not approved
		Mounting	M-301A		
		Mounting	M-302A		
		Mounting	M-303A		
		Mounting	M-304A		
		Mounting	M-335A		
		Converter	B-317A	I 20(T)S	
		Dynaverter	DV-317A	I 20(T)S	
		Dynaverter	DV-317A-1	I 20(T)S	
		Indicator	IN-317A-1	I 20(K)S	
		Indicator	IN-319A-1	I 20(K)S	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Indicator	IN-301A	I 20(K)S	
		Antenna (Nav)	A-13B		Optional Item
	319A (Cessna 500)				
		Receiver	R-319A	I 30P(T)S	When units installed on respective mounts
		Mounting	M-301A		
		Mounting	M-302A		
		Mounting	M-303A		
		Mounting	M-304A		
		Mounting	M-335A		
		Converter	B-317A	I 30P(T)S	
		Dynaverter	DV-319A	I 30P(T)S	
		Dynaverter	DV-319B	I 30P(T)S	
		Indicator	IN-319A-1	I 30P(T)S	
		Antenna (Nav)	A-13B		Optional item
	317G-1				
		Transceiver	RT-317G-1	I 20(T)S	When installed on mount
		Converter	B-317A	I 20(T)S	When installed on mount.
		Dynaverter	DV-317B	I 20(T)S	When installed on mount
		Dynaverter	DV-317B-1	I 20(T)S	When installed on mount. Marker not approved, for any IFR operation
		Course Indic	IN-317A-1	I 20(K)S	
		Mounting	M-301G		
		Mounting	M-302G		
		Mounting	M-303G		
		Mounting	M-304G		
		Mounting	M-306G		
		Mounting	M-306H		
		Mounting	M-335A		

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	319G				
		Receiver	R-319G-1	I 30P(T)S	When units installed on respective mountings
		Mounting	M-306G		
		Mounting	M-306H		
		Mounting	M-335A		
		Mounting	M-303G		
		Converter	B-317A	I 30P(T)S	
		Dynaverter	DV-319B	I 30P(T)S	
		Indicator	IN-319A-1	I 30P(T)S	
		Antenna	A-13B		Optional item
	321				
		Transceiver	RT-321	I 45(K)S	
		Modulator		I 45(L)S	
		Converter		I 45(L)S	
		Indicator	IN-341	I 45(K)S	
	328 Series Cessna 300				
		Transceiver	RT-328A/C/D	V 15(M)	
		Transceiver	RT-328T	I 20C(KM)/I 25P(KM)	
		Voltage Converter	P-528A	I 15(KM)/I 40P(KM)	
		Filter Assy	41260	I 15(KM)/I 40P(KM)	
		Indicator	IN-514R	V 15(M)	
			P/N 31640-0000		
		Indicator	IN-514R	I 15(M)/I 40P(M)	
			P/N 31640-0001		
		Indicator	IN-514R-1	V 15(M)	
			P/N 34360-0000		
		Indicator	IN-514B	I 15(M)/I 40P(M)	
			P/N 45010-1000		
		Indicator	IN-525A	V 15(M)	
			P/N 32350-0000		

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Indicator	IN-525A	I 15(M)/I 40P(M)	
			P/N 32350-0001		
		Indicator	IN-525A-1	V 15(M)	
			P/N 34370-0000		
		Indicator	IN-525B	I 15(M)/I 40P(M)	
			P/N 45010-2000		
		Mounting	P/N 40550-0001		
	341				
		Receiver	R-341	I 45(J)S/I 40P(J)	
		Control		(N) (N)	
		Indicator	IN-41	I 40P(K)/I 45C(K)	
		Indicator	IN-341	I 40P(K)/I 45C(K)	
	385A				
		Transceiver	RT-385A	I 20C(M)	
		Course Indic	IN-385A	I 45C(M)/I 40P(M)	
		Course Indic	IN-385AC	I 45C(M)/I 40P(M)	
		Course Indic	IN-386A	I 45C(M)/I 40P(M)	
		Course Indic	IN-386AC	I 45C(M)/I 40P(M)	
		Course Indic	IN-485AC	I 45C(M)/I 40P(M)	
		Course Indic	IN-486AC	I 45C(M)/I 40P(M)	
ARC Avionics					
	422A				
		Transceiver	RT-432A	I 25(K) S	
		Accessory Unit	RTA-432A	I 30(J) S/I 40P(J)	
		Indicator-Converters	IN-422A	I 30(K) S/I 40P(K)	NOTE - 422A combines RT-432A and R-442A in a common bezel
			IN-442B	I 30(K) S/I 40P(K)	
			IN-443A/B	I 30(K) S/I 40P(K)	
		Receiver	R-442A	I 25(K) S	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	428A				
		Recvr-Trans	RT-428A	I 25(M) S/I 25P(M)	
		Indic Conv	IN-442A/B	I 30(M) S/I 40P(M)	
		Indic Conv	IN-443A/B	I 30(M) S/I 40P(M)	
	442A				
		Receiver	R-442A	I 30(K) S/I 40P(K)	
		Indicator-Converters	IN-442A/B	I 30(K) S/I 40P(K)	
			IN-443A/B	I 30(K) S/I 40P(K)	
	485A/485B				
		Recvr-Trans	RT-485A/B	I 15/I 30C(M)	
		Indicator	IN-385A/385AC	I 15/I 50C(M)	
	B-445A				
		VOR/LOC Conv	B-445A	I 45(J) S/I 40P(J)	
	508				
		Transceiver	RT-508A	V 10(K)	
		VOR Indicator	IN-514R	V 10(K)	
	513A				
		Transceiver	RT-513A	V 10(K)	
	514 Series				
		Transceiver	RT-514A/R	V 10(K)	
		Course Ind	IN-514R	V 10(K)	
	515R				
		Transceiver	RT-515R-1	V 10(K)	
		Indicator	IN-514R	V 10(K)	
		Indicator	IN-525A	V 10(K)	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	516A (Cessna 300)				
		Transceiver	RT-516A	V 10(K)	
	517R (Cessna 300)				
		Transceiver	RT-517R	V 10(K)	
		Indicator	IN-514R	V 10(K)	
	522A (Cessna 400)				
		Transceiver	RT-522A	I 20(K) S	RT-522A comprised of RT-532A and R-542A with common front panel
		Transceiver	RT-532A	I 20(K) S	
		Ind-Converter	IN-543A/B	I 30(K) S	
		Access Unit	RTA-532B	I 20(J) S	
		Ind Converter	IN-522A	I 30(K) S	
		Receiver	R-542A	I 30(K) S	
		Dynaverter	RTA-532B-1	I 30(K) S	
	525A				
		Receiver	R-525A-1	V 10(K)	
		Access Unit	RA-525A/1	V 10(L)	
		Indicator	IN-525A	V 10(K)	
	528 Series				
		Transceiver	RT-528A	V 15(M)	
		Transceiver	RT-528E/1	I 15(M)/I 25P(M)	
		Power Converter	P-528A	I 15(M)/I 40P(M)	
		Indicator	IN-514R/1	I 15(M)/I 40P(M)	
		Indicator	IN-525A/1	I 15(M)/I 40P(M)	
		Filter	41260	I 15(M)/I 40P(M)	
	540A Cessna 300				
		Transceiver	RT-540A	V 10(K)	

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Indicator	IN-514R	V 10(K)	
		Indicator	IN-525A	V 10(K)	
	542A (Cessna 400)				
		Receiver	R-542A	I 30(K) S	
		Ind -Conv	IN-522A	I 30(K) S	
		Ind -Conv	IN-543A	I 30(K) S	
	841A (Cessna 800)				
		Receiver	R-41A	I 45(J) S/I 40P(J) (N) (N)	
		Converter	B-841A	I 45(J) S/I 40P(J) (N) (N)	
		Control Unit	C-841A	I 45(J) S/I 40P(J) (N) (N)	
		Course Indicator	IN-41A/D	I 45(J) S/I 40P(J) (N) (N)	
	1048 (1000 Series)				
		Receiver	R-1048A	I 45(J) S	
		Receiver	R-1048B	I 45(J) S	
		Control	C-1048A	I 45C(K)/I 40P(K)	
		Indicator	IN-1048A/AC	I 15/I 40P(M) S	
		Indicator	IN-1049A/AC	I 15/I 40P(M) S	
		Indicators	IN-41A/D	I 45C(K)/I 40P(K)	
		Indicator	IN-442AR/BR	I 45C(K)/I 40P(K)	Classification applicable only to TSO's indicators identified by "TSO-C36c" and "TSO-C40a" on indicator name plate
		Indicator	IN-443AR/BR	I 45C(K)/I 40P(K)	Classification applicable only to TSO's indicators identified by "TSO-C36c" and "TSO-C40a" on indicator name plate

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Conv Indicator	IN-380A/AC	I 15/I 50C(KM) S	Compatible with RTA-385A, RT-485A/B and R-1048A Systems
		Conv Indicator	IN-381A/AC	I 15/I 50C(KM) S	Compatible with RTA-385A, RT-485A/B and R-1048A Systems
		Conv Indicator	IN-480AC/481AC	I 15/I 50C(KM) S	Compatible with RTA-385A, RT-485A/B and R-1048A Systems
		Indicator	IN-382AC/383AC	I 15/I 50C(KM) S	Compatible with RN-478A, RN-878A and R-1048B Systems
		Indicator	IN-482AC/483AC	I 15/I 50C(KM) S	Compatible with RN-478A, RN-878A and R-1048B Systems
		Control	C-1048B	I 15/I 50C(KMP) S	
AWA (Amalgamated Wireless A/sia Ltd)					
	AD 704				
		Receiver	2635	I 45(L)	
		Control	3040	I 45(L)	
		Control	3041	I 45(L)	
		Indicator	S 114	I 45(K)	
Becker Flugfunkwerke GmbH					
	NR 200				
		Receiver	NR 200	L 25(K)	
		Conv/Indic	NCI 201	L 25(K)	
		Conv/Indic	NCI 202	L 25(K)	
NAV 2000 Systems	NAV 2020A Version				
		Nav Rx/GS	NR 2020	I 45(J) S (N)	
		Conv & Indic	NI 2020	I 45C(P) S	

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	NAV 2020/40A Version				
		Nav Rx/GS	NR 2020/40	I 45C(P) S (N)	
		Conv & Indic	NI 2020	I 45C(P) S	
	NAV 2020B Version				
		Nav Rx/GS	NR 2020	I 45C(J) S (N)	
		Conv & Indic	NI 2021	I 45C(P) S	
	NAV 2020/40B Version				
		Nav Rx/GS	NR 2020/40	I 45C(J) S (N)	
		Conv & Indic	NI 2021	I 45C(P) S	
	NAV 2029 Version				
		Nav Rx	NR 2029	I 15(J) (N)	
		Indicator	IN 2041	I 20(P) S	
	NAV 2030A Version				
		Nav Rx	NR 2030	I 45C(J) S (N)	
		Conv & Indic	NI 2030	I 45C(P) S	
	NAV 2030B Version				
		Nav Rx	NR 2030	I 45C(J) S (N)	
		Conv & Indic	NI 2031	I 45C(P) S	
	NAV 2040A Version				

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Nav Rx/GS	NR 2020	I 45C(J) S (N)	
		Converter	NC 2040	I 45(J) S (N)	
		Indicator	IN 2040	I 45C(P) S	
	NAV 2040/40A Version				
		Nav Rx/GS	NR 2020/40	I 45C(J) S (N)	
		Converter	NC 2040	I 45C(J) S (N)	
	NAV 2040B Version				
		Nav Rx/GS	NR 2020	I 45(J) S (N)	
		Converter	NC 2041	I 45(J) S (N)	
		Indicator	IN 2040	I 45(P) S	
	NAV 2040/40B Version				
		Nav Rx/GS	NR 2020/40	I 45C(J) S (N)	
		Converter	IN 2040	I 45C(J) S (N)	
		Indicator	IN 2040	I 45C(P) S	
	NAV 3300				
		Receiver	NR 3300/3301	I 15/I 50C(MNO)S	
		Indicator	IN 3300	I 15/I 50C(KMP)S	
		RMI Conv.	RM 3300	I 50(MNO)S	
		DME Decoder	DC 3300	I 50(MNO)S	

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Bendix Avionics					
	21 Series				
		Transmitter	TA-21A-1	I 30P(T) S	
		Receiver	RA-21A	I 30P(T) S	
		Nav Unit	NVA-22A	I 30P(T) S	
		Control	CNA-21C	I 30P(T) S	
		Control	CNA-21CX	I 30P(T) S	
		Control	CNA-21CN	I 30P(T) S	
		Control	CNA-21N-1	I 30P(T) S	
	22 Series				
		Transmitter	TA-22B	I 30P(T) S	Subject to deactivation of transmitter on all frequencies below 118.00 MHz
		Receiver	RA-22B	I 30P(T) S	
		Nav Unit	NVA-22A	I 30P(T) S	
		Control	CNA-22YCS	I 30P(T) S	
		Control	CNA-22YSV-1	I 30P(T) S	
		Control	CNA-22N	I 30P(T) S	
	CN-2011				
		Trans/Recvrs/Aud Cont	CN-2011A	I 25C(MOP) S	When PA-2018A is used rating is I 35C(MOP) S
		Indicator	IN-2014()	I 35C(MOP) S	
		Interface Unit	IU-2016A	I 35(MN) S	
		Nav Comp Prog	NP-2041A	I 35C(MOP) S	
		VHF Power Amp	PA-2018A	I 35(MN) S	
	CN-2012				
		Trans/Recvrs/Aud	CN-2012A	I 25C(MOP) S	When PA-2018A is used rating is I 35C(MOP) S
		Aud Sel Panel	AS-2015A	I 35(MN) S	
		Indicator	IN-2014()	I 35C(MN) S	

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Interface Unit	IU-2016A	I 35(MN) S	
		VHF Power Amp	PA-2018A	I 35(MN) S	
	CN-2013				
		Trans/Recvrs/Aud	CN-2013A	I 25C(MOP) S	When PA-2018A is used rating is I 35C(MOP) S
		Aud Sel Panel	AS-2015A	I 35(MN) S	
		Indicator	IN-2014()	I 35C(MOP) S	
		Interface Unit	IU-2016A	I 35(MN) S	
		VHF Power Amp	PA-2018A	I 35(MN) S	
	M-450				
		Receiver	351A/AE/B/BE	V 10(L)	
		P/S Mod	402A/B	V 10(L)	
		Conv Ind	550C/D	V 10(K)	
		Conv Ind	552A/B	V 10(K)	
	RIA-32A				
		Receiver	RIA-32A	I 45(O) S/I 40P(O) (J) (J)	
	RIA-35				
		Receiver, ILS	RIA-35A	I 50(J) S	
	RNA-26C				
		Receiver	RNA-26C	I 45(N) S	
		Control	CNA-23CN	I 45(N) S	
		Control	CNA-23N	I 45(N) S	
		RMI	MN-72G-1	I 45(N) S	
	RNA-34A				
		Receiver	RNA-34A	I 70(J) S (S)	

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	RN-222 ()				
	(Part of CNS 220 System)	Receiver	RN 222A	L 20C(J)	
		Receiver	RN-222AE	L 20C(J)	
		Receiver	RN-222B	L 20C(J)	G/S receiver is not approved for any IFR operation
		Receiver	RN-222BE	L 20C(J)	G/S receiver is not approved for any IFR operation
		Converter Ind	IN-223A	L 20C(J)	
		Converter Ind	IN-224A	L 20C(J)	
		Converter Ind	IN-225A	L 20C(J)	
		Converter Ind	IN-226A	L 20C(J)	
		Converter Ind	IN-227	L 20C(J)	
		Converter Ind	IN-225B	L 20C(J)	
		Converter Ind	IN-226B	L 20C(J)	
		H.S.D Indicator	IN-831		Optional equipment
		Converter	MN-311	L 20C(K)	Optional equipment
	RN-242A				
		Receiver	RN-242A	I 20(J) S	
		VOR/LOC Ind	IN-244A	I 20(K) S	
		VOR/ILS Ind	IN-245A	I 20(K) S	
		Power Supply	PS-243A	I 20(J) S	
		Director Hor	DH-841		Optional equipment
		Hor Situation Ind	IN-831		Optional equipment
	RVA-33				
		Receiver	RVA-33A	I 45(O) S/I 40P(O) (J) (J)	
	VNS-41A				

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Receiver-VOR/LOC/GS/MKR	VN-411A/B	I 50(MNO) S	
		Control Display	CD-412A/B	I 15/I 50C(KMP) S	
Collins Radio Company					
	51R-2				
		Receiver	51R-2	I 30P(T)	
		O.B.S.	336A-1	I 30P(K)	
		O.B.S.	336A-2	I 30P(K)	
		Control	314U-1-2	I 30P(T)	
		Control	314U-5	I 30P(T)	
		Access Unit	351A-1	I 30P(T)	
		R.M.I.	332C-1	I 30P(K)	
		Indicator	888 Type 3		
		O.B.I.	337A-1		
		O.B.I.	337A-2		
		Servo Amp	333B-1	I 30P(T)	
		P/S	416N-1	I 30P(T)	
		P/S	416N-2	I 30P(T)	
		Indicator	ID-48/ARN		
		Antenna	37J-		
	51R-3				
		Receiver	51R-3	I 30P(T) S	
		Power Unit	416N-1	I 30P(T) S	
		Power Unit	416N-2	I 30P(T) S	
		Power Unit	416N-5	I 30P(T) S	
		Control	314U-1, -2	I 30P(T) S	
		Control	314U-5	I 30P(T) S	
		Control	314U-8	I 30P(T) S	
		Accessory Frame	351A-1	I 30P(T) S	
		Power Unit	416N-4	I 30P(T) S	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Deviation Ind	ID-48		
		O.B.S.	336A-2	I 30P(K) S	
		O.B.I.	337A-2		
		Servo Amp	33B-1/3		
		R.M.I.	332C-1		
		Shockmount	350E-1/2		
		Shockmount	350G-1/-2/-3		
		Shockmount	350K-1		
		Shockmount	350F-1/-2		
		Antenna	37J-2		
		Antenna	37J-3		
	51R-4/4A				
		Receiver	51R-4	I 30P(T) S	
		Receiver	51R-4A	I 30P(T) S	
		Shockmount	349D-3A		
		Control	310U-10	I 30P(T) S	
		Control	614U-3	I 30P(T) S	
		Control	614U-4	I 30P(T) S	
		Control	614U-7	I 30P(T) S	
		Control	614U-8	I 30P(T) S	
		Com Ant	37R-1		
		Com Ant	37R-2		
		Omni Ant	27J-2		
		Omni Com	137X-1		
		Mount	390D-3A		
	51R-7 Series				
		Receiver	51R-7	I 45(T) S	
		Receiver	51R-7A	I 45(T) S	
		Control	313N-1	I 45(T) S	
		Control	313N-2	I 45(T) S	
		Control	313N-2D	I 45(T) S	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Control	313N-3	I 45(T) S	
		Control	313N-3D	I 45(T) S	
		Course Sel Ind	331H-3G	I 45(K) S	
		Vib Isol	200-1942.00		
	51R-8 Series				
		Receiver	51R-8	I 45(T) S	
		Receiver	51R-8A	I 45(T) S	
		Receiver	51R-8B	I 45(T) S	
		Control	313N-1	I 45(T) S	
		Control	313N-2	I 45(T) S	
		Control	313N-2D	I 45(T) S	
		Control	313N-3	I 45(T) S	
		Control	313N-3D	I 45(T) S	
		Control	313N-4C	I 45(T) S	
		Course Indic	331A-39		Part of PN-101 System
		Course Sel Indic	331H-3G	I 45(K) S	
		R.M.I.	332C-4		
		Auto Vor Inst	344F-2	I 45(K) S	
		Vib Isol	200-1942-00		
	51R-10()				
		Receiver	51R-10()	I 50(JN) S (S)	
	51RV-1				
		Receiver	51X-4	I 45(T) S	
		Receiver	51V-4B	I 45(T) S	
		Inst Unit (Man)	344A-2	I 45(T) S	
		Inst Unit (Auto)	344F-1	I 45(T) S	
		Control	313N-3	I 45(T) S	
		App Hor Ind	329-4B		Optional equipment
		Course Ind	313A-4A		Optional equipment

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Shockmount	390Y-1		
	51RV-2B				
		Receiver	51RV-2B	I 45(J) S/I 40P(J) (N) (N)	
			313N	I 45(J) S/I 40P(J) (N) (N)	
	51RV-4()	Receiver	51RV-4()	I 50(JN) S (S)	
	51X-2				
		Receiver	51X-2	I 30P(T) S	
		Inst'n Unit	344A-1	I 30P(T) S	
		Inst'n Unit	344B-1	I 30P(T) S	
		Shockmount	349H-4		
		Control	614G-1	I 30P(T) S	
		Control	614F-1	I 30P(T) S	
		Control	614X-1	I 30P(T) S	
		Control	614U-1/2	I 30P(T) S	
		Control	614U-3/4	I 30P(T) S	
		Shockmount	390E-1/2		
		D.C. P/S	516B-3	I 30P(T) S	
		A.C. P/S	516A-1	I 30P(T) S	
Collins Avionics					
	51X-3 Series				
		Receiver	51X-3	I 30P(T) S	
		Receiver	51X-3A	I 30P(T) S	
		Mod P/S	427B-2	I 30P(T) S	
		Mod P/S	427B-1	I 30P(T) S	
		Instrum Unit	344A-1	I 30P(T) S	
		Control	313N-1	I 30P(T) S	
		Inst Unit	344D-2	I 30P(K) S	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	344A-1				
		Instr'n Unit	344A-1	I 30P(T) S	
		Shockmount	390D-8		
	344A-2				
		Instr'n Unit	344A-2	I 45(N) S	
		Mount	390R-3		
	344B-1				
		Instr'n Unit	344B-1	I 30P(T) S	
		Mount	349H-5		
		Mount	390E-1		
	344D				
		Instr'n Unit	344D-1	I 30P(K) S	
			344D-1A	I 30P(K) S	
			344D-2	I 30P(K) S	
	ILS-70				
		Receiver	ILS-70	I 45(J) S/I 40P(J) (G) (G)	
		Control	313N-3D	I 45(J) S/I 40P(J) (G) (G)	
		Antenna	137X-1		
		Antenna	37P-4/-5		
		Shockmount	890Z-2		
	VIR-30()				
		Receiver	VIR-30A/M	I 45(JN) S/I 40P(JN) (G) (G)	
		Control	313N-4D	I 45(JN) S/I 40P(JN) (G) (G)	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Indicator	RMI-30	I 15/I 40P(P) S	
		Indicator	IND-30/31/31C	I 15/I 30C/I 40P(P) S	
		Indicator	BDI-36	I 15/I 40P(P) S	
	VIR-31()				
		Receiver	VIR-31()	I 45(JN) S/I 40P(JN) S	
		Control	313N-4B	I 45(JN) S/I 40P(JN) S	
		Indicator	BDI-36	I 15/I 40P(P) S	
	VIR-32				
		Receiver VOR/ILS	VIR-32	I 50(JN) S	
		Control	CTL-()	I 15/I 35C/I 40P(KMP) S	
		Indic. Adapter	BIR-32	I 50(JN)S	
	VIR-350				
		Receiver	VIR-350	I 15/I 30C/I 40P(P) S	
		Indicator	IND-350()	I 15/I 30C/I 40P(P) S	
		Indicator	IND-351()	I 15/I 30C/I 40P(P) S	
		Power Converter	PWC-150	I 20(N) S/I 30C(N) S	
	VIR-351				
		Receiver	VIR-351	I 15/I 30C/I 40P(P) S	
		Power Conv	PWC-150	I 20(N) S/I 30C(N) S	
		Indicator	IND-350()/351()	I 15/I 30C/I 40P(P) S	
	VOR-101				
		Receiver	51X-2	I 30P(T) S	
		Inst'n Unit	344B-1	I 30P(T) S	
		Control	614U-3/-7	I 30P(T) S	
		Sel Ind	331H-1	I 30P(K) S	
		O.B.S.		I 30P(K) S	
	VOR-102				

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Receiver	51X-2	I 30P(T) S	
		Inst'n Unit	344A-1	I 30P(T) S	
		Control	314U-8/10	I 30P(T) S	
		Sel Ind	331H-1	I 30P(K) S	
		O.B.S.	336A-2/3	I 30P(K) S	
	VOR-700				
		Receiver	VOR-700	I 50(JN)S	
Dare Inc					
	DR-480				
		Receiver	DR-480	I 30P(T) S	
		Nav Con & Ind	DNCI-I	I 30P(T) S	
		Power Con	DPC-480	I 30P(T) S	
	DR-480N				
		Receiver	DR-480N	I 30(N) S	
		Control	CD-480N-GS	I 30(N) S	
		Conv/Ind	DNCI-I	I 30(K) S	
		Power Conv	DPC-480	I 30(T) S	
Edo-Aire					
	R-552				
		Receiver	R-552	V 15(P)	
		Conv Ind	CID-552	V 15(P)	
		Conv Ind G/S	CID-554	V 15(P)	
	R-554				
		Receiver	R-554	V 15(P)	
		Conv Ind	CID-554	V 15(P)	
	R-662				
		Receiver	R-662	I 15(P)/I 40P(P)	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Power Supply	PS-661	I 15(P)/I 40P(P)	
		Conv Ind	CID-662	I 15(P)/I 40P(P)	
		Conv Ind	CID-664	I 15(P)/I 40P(P)	
		Antenna	AT-552		
	R-664				
		Receiver	R-664	I 15(P)/I 40P(P)	
		Conv Ind	CID-664	I 15(P)/I 40P(P)	
		Power Supply	PS-661	I 15(P)/I 40P(P)	
	RT-553				
		Transceiver	RT-553	V 15(P)	
		Conv Ind	CID-552	V 15(P)	
		Conv Ind G/S	CID-554	V 15(P)	
Edo-Aire					
	RT-563 Series				
		Transceiver	RT-563	V 20C(L)	
		Transceiver	RT-563A	V 20C(L)	720 channel. Not recommended for Australian use
		Power Supply	PS-556	L 15(P)/L 20C(P)	
	R-772	Receiver VOR/LOC	R-772	V 10(K)KS	
		Conv. Ind	CID-772/774	V 10(K)S	
Genave					
	ALPHA/190				
		Transceiver	ALPHA/190	V 10(K)	
	ALPHA/200				
		Transceiver	ALPHA/200	V 10(K) S	
			ALPHA/200A	V 10(K) S	
			ALPHA/200B	V 10(K) S	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	ALPHA/300				
		Transceiver	ALPHA/300	V 10(K) S	
	ALPHA/360				
		Transceiver	ALPHA/360	V 10(K) S	
	ALPHA/500				
		Transceiver	ALPHA/500	V 10(K) S	
	ALPHA/600				
		Transceiver	ALPHA/600	V 10(P)	
	THETA/1000	Transceiver & VOR/LOC Rec.		V 10(K)	
	THETA/100				
		Converter Inc	THETA/100	V 10(K) S	
	THETA/200				
		Converter Inc	THETA/200	V 10(K) S	
	THETA/300				
		Converter Inc	THETA/300	V 10(P) S	
	THETA/400				
		Converter Inc	THETA/400	V 10(P) S	
H T Instruments Inc					
	DVOR-100				
		VOR Display	DVOR-100		Auxiliary only

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
King Radio Corporation					
	KCU 561				
		Keyboard Control Unit	KCU 561	I 15(P)/I 40P(P)	
	KCU 565				
		Digital Control Unit	KCU 565	I 15(P)/I 40P(P)	
	KCU 565A				
		Digital Control Unit	KCU 565A	I 15(P)/ 40P(P)	
	KDA-335				
		Digital Translator	KDA-335	I 45(O) S	
	KDA-695				
		Super Flag Adapter	KDA-695	I 45(JN) S/I 40P(JN)	
	KI 202				
		VOR/LOC Ind	KI 202	I 15/I 40P(P) S	
	KI 203 Silver Crown				
		VOR/LOC Conv Ind	KI 203	I 25C(P)/I 40P(P)	
	KI 204				
		VOR/LOC Conv Ind & G S Ind	KI 204	I 25C(P)/I 40P(P)	
	KI 206 Silver Crown				
		VOR/LOC G S Ind	KI 206	I 25C(P)/ 40P(P)	
	Ki 207 Silver Crown				
		VOR/LOC G S Ind	KI 207	I 25C(P)/I 40P(P)	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	KI 208				
		VOR/LOC Conv & G.S. Indic	KI 208	I 30C(P)/I 40P(P)	
	KI 209				
		VOR/LOC Conv & G.S. Indic	KI 209	I 30C(P)/I 40P(P)	
	KI-226				
		Radio Mag Compass/VOR Conv	KI-226	I 20(M)/I 30C(M)	
	KI 267				
		VOR Conv & Dig Ind	KI 267	I 15(P) S/I 40P(P) S	
	KN-53				
		Receiver VOR/LOC/GS	KN-53	I 50(MP) S	
	KN-70				
		G/S Recvr VOR/LOC Conv	KN-70	L 20C(J) S	A) For units S/N 2000 and above, classification is I 20(J) S/I 40P(J). B) Classification for G/S receiver in KN-70 is I 20(J) S/I 40P(J) regardless of KN-70 serial number
	KN-71				
		VOR/LOC Conv	KN-71	L 20C(J) S	For units Serial No 2000 and above, classification is I 20(J) S/I 40P(J)
	KN-72				

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		VOR/LOC Conv	KN-72	I 45(JN) S	
	KN-74				
		Area Nav Comp	KN-74	I 15(P)/I 40P(P)	Approval refers to the VOR/LOC function of the equipment only
		Indicator G/S recvr	KI-212	I 15(P)	Glide slope receiver not approved for any IFR operations
		Indicator G/S recvr	KI-213	I 15(P)	Glide slope receiver not approved for any IFR operations
	KN-77 (Silver Crown)				
		VOR/LOC Conv	KN-77	I 20(J) S/I 40P(J)	
		Nav Indicator	KNI-520	I 45(K) S	Compatible equipment
		Pictorial Nav Ind	KPI-550A		Compatible equipment
		Pictorial Nav Ind	KPI-551A		Compatible equipment
	KNC-610				
		Area Nav Comp	KNC-610	I 15(P)/I 40P(P)	Approval refers to the VOR/LOC function of the equipment only
		Indicator G/S recvr	KI-212	I 15(P)	Glide slope receiver not approved for any IFR operations
		Indicator G/S recvr	KI-213	I 15(P)	Glide slope receiver not approved for any IFR operations
	KNI-500/500L				
		Nav Inst	KNI-500	I 45(K) S	
		Nav Inst	KNI-500L	I 45(K) S	
	KNI-510 (Gold Crown)				
		Nav Indicator	KNI-510	I 45(K) S/I 40P(K)	
	KNI-520				
	(Silver Crown)	Nav Indicator	KNI-20	I 45(K) S	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	(Aeronetics)	RMI	7100 Series	I 30C(MOP) S	
	(Aeronetics)	RMI	8100 Series	I 30C(MOP) S	
	KNI-521				
		Nav Ind	KNI-521	I 45(K) S	
	KNR-600/-600A				
	(Gold Crown)	VOR/LOC Rcevr	KNR-600/-600A	I 45(N) S	
		Freq Sel	KFS-560	I 45(N) S	
	KNR-601				
	(Gold Crown)	VOR/LOC Recvr	KNR-601	I 45(N) S	
		Freq Sel	KFS-560	I 45(N) S	
	KNR-605				
		VOR/LOC Recvr	KNR-605	I 45(J) S/I 40P(U)	
				(N) (N)	
		Digital Cont	KCU-651	I 40P(P)	
	KNR-615				
		VOR/LOC G/S Recvr	KNR-615	I 45(J) S/I 40P(U)	
				(N) (N)	
		Control Unit	KCU-561	I 40P(P)	
	KNR-630				
		Receiver	KNR-630	I 45(JN) S/I 40P(JN)	
		Control	KFS-560B	I 45(JN) S/I 40P(JN)	
	KNR-631				
		Receiver	KNR-631	I 45(JN) S/I 40P(JN)	
		Control	KFS-560B	I 45(JN) S/I 40P(JN)	
	KNR-632				

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Receiver	KNR-632	I 45(JN) S/I 40P(JN)	
		Control	KFS-560B	I 45(JN) S/I 40P(JN)	
	KNR-633				
		Conv	KNR-633	I 45(JN) S/U 40P(JN)	
	KNR-634/634A				
		Receiver	KNR-634/A	I 50(MNO) S	
		Control	KFS-564/A	I 15/I 50C(KMP) S	
		Power Supply	KA-579A	I 50(MNO) S	
	KNR-660/-660A (Gold Crown)				
		VOR/LOC Recvr	KNR-660/-660A	I 45(N) S	
		Freq Sel	KFS-560	I 45(N) S	
	KNR-661				
		VOR/LOC Recvr W/RMI	KNR-661	I 45(N) S	
		Freq Sel	KFS-560	I 45(N) S	
	KNR-665/665A				
		Receiver	KNR-665/665A	I 45(JN) S/I 40P(JN)	
		Control	KCU-565	I 40P(P)	
	(Aeronetics)	RMI	3100 Series	I 20(P)	
	KNR-6030				
		VOR/LOC/GS Receiver	KNR-6030	I 50(MNO) S	
	KNS-80				
		VOR/ILS Receiver	KNS-80	L 20(KMP) S	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	KNS-81				
		VOR/LOC/GS Receiver	KNS-81	I 15/I 40P/I 50C(KMP) S	
		RMI	KDA-692	I 50(N)S	
		Rad. Graphics	GC-360A	I 15/I 50C(KMP)S	
		Rad. Graphics	GC-381A	I 15/I 50C(KMP)S	
	KPI-550/-550A (Gold Crown)				
		Pictorial Nav Indic	KFI-550/-550A		
	KPI-551/-551A (Gold Crown)				
		Pictorial Nav Indic	KPI-551/-551A		
	KPI-552				
		Pictorial Nav Indic	KPI-552		
	KPI-553/553A				
		Pictorial Nav Indic	KPI-553/553A		
	KX-100				
		Receiver	KR-40	V 10(K)	
		Transceiver	KY-90	V 10(K)	
		P/S	KS-501	V 10(L)	
		P/S	KS-502	V 10(L)	
		Conv -Ind	KI-200	V 10(K)	
	KX-110				
		Transceiver	KY-90	V 10(K)	
		Receiver	KR-40	V 10(K)	
		P/S	KS-501	V 10(L)	
		P/S	KS-502	V 10(L)	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Conv -Ind	KI-210	V 10(K)	
		Conv -Ind	KI-200	V 10(K)	
	KX-120 Ser				
		Transceiver	KY-95	V 10(K)	
		Transceiver	KY-95E	V 10(K)	Approval conditional on deactivation of transmitter on frequencies below 118.00 MHz
		Receiver	KR-40B	V 10(K)	
		Power Sup	KS-501A	V 10(L)	
		Power Sup	KS-502A	V 10(L)	
		Con -Ind	KI-200	V 10(K)	
	KX-130 Ser				
		Transceiver	KY-95	V 10(K)	
		Transceiver	KY-95E	V 10(K)	Approval conditional on deactivation of transmitter on frequencies below 118.00 MHz
		Nav -G/S Rec	KN-50A	V 10(K)	
		Conv -Ind	KI-210	V 10(K)	
		P/S	KS-501A	V 10(L)	
		P/S	KS-502A	V 10(L)	
	KX-145				
		Transceiver	KX-145	V 15(K)	
		Indicator	KI 205	V 15(K)	
		Voltage Conv	KA 39	I 30(N)S/I 40P(N) S	
	KX-150 Ser				
		Transceiver	KX-150/-150B	V 10(K)	
		Transceiver	KX-150E	V 10(K)	Approval conditional on deactivation of transmitter frequencies below 118.00 MHz

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	KX-155()/-165()				
		Transceiver Com & NAV ILS/VOR	KX-155/-165	I 15/I 40P/I 50C(KMP) S	
	KX-160 Ser				
		Transceiver	KX-160	L 20C(K) S	Only if squelch control range is set so that the receiver will not mute for input signals greater than 15 microvolts, otherwise the classification is V 20C(K) S
		Transceiver	KX-160-1	L 20C(K) S	Only if squelch control range is set so that the receiver will not mute for input signals greater than 15 microvolts, otherwise the classification is V 20C(K) S
		Transceiver	KX-160 Exp	L 20C(K) S	A)Only if squelch control range is set so that the receiver will not mute for input signals greater than 15 microvolts, otherwise the classification is V 20C(K) S. B) Approval conditional on deactivation of transmitter on frequencies below 118.00 MHz
		P/S Mod	KS-505	L 20(L)	
		Conv Ind	KI-201	L 20C(K) S	C) For Ser No 4980 and above, otherwise V 20C(K) S. D) This classification also applies to units of lower serial no, if service bulletin KI201/211 Export 1 is incorporated

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Conv Ind	KI-211	L 20C(K) S	D) This classification also applies to units of lower serial no, if service bulletin KI201/211 Export 1 is incorporated. E) Glide slope receiver which is included is not approved for any IFR operation. F) For S/N 10, 390 and above, otherwise V 20C(K) S
		Conv Ind	KI-211A	L 20C(K) S	Glide slope receiver which is included is not approved for any IFR operation
	KX-170				
		Transceiver	KX-170	L 10(K)	
		Conv Ind	KI-201B	L 20C(K) S	
		Conv Ind	KI-211B	L 20C(K) S	G/S receiver is not approved for any IFR operation
		Voltage Conv	KA-38	L 10(L)	
	KX-170A (Silver Crown)				
		Transceiver	KX-170A	L 20C(K)	
		VOR/Loc Indic	KI-201C	L 20C(K)	
		VOR/ILS Con Ind	KI-211C	L 20C(K)	Glide slope receiver is not approved for any IFR operation
		Voltage Conv	KA-39	I 30(N) S/I 40P(N) S	
	KX-170B Series (Silver Crown)				
		Transceiver	KX170B	L 20C(K)	
		Transceiver	KX-170BE	L 20C(K)	
		VOR/Loc Indic	KX-201C	L 20C(K)	
		VOR/ILS Con Ind	KI-211C	L 20C(K)	Glide slope receiver is not approved for any IFR operation

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		VOR/ILS Ind	KI-212		A) Glide slope receiver is not approved for any IFR operation. B) Normally used in association with area nav equipment
		VOR/ILS Ind	KI-213		A) Glide slope receiver is not approved for any IFR operation. B) Normally used in association with area nav equipment
		VOR/ILS Con Ind	KI-214	L 15(M)	Glide slope receiver is not approved for any IFR operation
		Voltage Conv	KA-39	I 30(N) S/I 40P(N) S	
	KX-175/B/BE Silver Crown				
		Transceiver	KX-175	I 20C(K)/I 25P(K)	
		Transceiver	KX-175B	I 25C(K)/I 25P(K)	
		Transceiver	KX-175BE	I 20C(K)/I 25P(K)	
		VOR/Loc Indic	KI-201C	I 20C(K) S	
		VOR/ILS Con Ind	KI-211C	I 20C(K) S	Glide Slope receiver is not approved for any IFR operation
		VOR/ILS Con Ind	KI-214	L 15(M)	Glide Slope receiver is not approved for any IFR operation
		Voltage Conv	KA-39	I 30(N) S/I 40P(N) S	
		Indicator	KI-525	I 15/I 40P(M) S	
		Pict. Nav. Indic.	KPI-553B	I 15/I 50C(KMP)S	
Marconi Company					
	AD260				
		Receiver	6401	I 45(J) S	
		Nav Unit	6402/2A	I 45(J) S	
		Nav Unit	7409	I 45(J) S	
		Control	6406	I 45(J) S	
		Control	6414	I 45(J) S	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Control	7006	I 45(J) S	
		Control	7430	I 45(J) S	
		Control	7437, -A	I 45(J) S	
Motorola Aviation Electronics Inc					
	M-135 System	Transmitter	5642A	V 10(K)	
		Receiver	5613A	V 10(K)	
		Nav Pack	2374E/F	V 10(K)	
		VOR/ILS Indic	4087B	V 10(K)	
		VIR/Loc Indic	4080B	V 10(K)	
		Power Supply	2360A/B	V 10(L)	
		Antenna	2217A		
Narco Avionics					
	DGO-9 Series	Pictorial	DHO 9	L 20C(K)/I 10(K) S	
		Nav Display	DGO 9A	L 20C(K)/I 10(K) S	
	DGO 10				
		Pictorial Nav	DGO 10	I 10(K)S/I 20C(K) S	Applies to non TSO'd units
		Display	DGO 10	I 30C(K)S/I 30P(K) S	Applies to TSO'd units only (Those units with TSO name plate attached)
	ESCORT 110				
		Transceiver	ESCORT 110	V 10(K) S	
	IDME 891				
		Indicator VOR/ILS	IDME-891	L 10(KMP)	Applies when driven by MK12D TSO or NAV 824/825 TSO receivers
	Mark 3 (Omnigator)				

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Transceiver	Mark 3	V 10(K)	
	Mark 5				
		Transceiver	Mark 5	V 10(K)	
		MOD-P/S	T(-) MP-7	V 10(L)	
	Mark 6				
		Receiver	Mark 6	V 10(K)	
		Indicator	ID-5	V 10(K)	
	Mark 7				
		Transceiver	Mark 7	V 10(K)	
	Mark 8				
		Transceiver	Mark 8	V 10(K)	
	Mark 10				
		Transceiver	Mark 10	V 10(K)	
			T12-MP-8	V 10(K)	
	Mark 12				
		Transceiver	Mark 12	V 10(K)	
		MOD/P.U	T 12-MP-12	V 10(L)	
		MOD/P.U	T 24-MP-12	V 10(L)	
	Mark 12A				
		Transceiver	Mark 12A	L 10(K) S	
		MOD/P.U	T12-MP-12A	L 10(L) S	
		MOD/P.U	T24-MP-12A	L 10(L) S	
		MOD/P.U	T12-MP-12A-1	L 10(L) S	
		MOD/P.U	T12-MP-12AH-1	L 10(L) S	
	Mark 12B				

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Transceiver	Mark 12B	L 10(K) S	
		MOD/P.U	T12-MP-12A/A-1	L 10(L) S	
		MOD/P.U	T24-MP-12A/A-1	L 10(L) S	
			T12-MP-12AH-1	L 10(L) S	
			T24-MP-12AH-1	L 10(L) S	
	MK 12D TSO				
		Transceiver & VOR/ILS/GS Rec	MK 12D	I 15/I 35C/I 40P(KMP) S	
		Indicator	ID 824/825	I 15/I 35C/I 40P(KMP) S	
	MK 12E	Transceiver & VOR/ILS/GS Rec.	MK 12E	I 15/I 35C/I 40P(KMP)S	
	Mark 16				
		Transceiver	Mark 16	L 20(K) S	Installations made with NARCO Tray Assy and Cables P/N's 01121-102 and 01121-103 do not meet the requirements of Air Navigation Order Part 108.34 Paragraph 9.5. A separate Glide Slope receiver protective device is required
		Voltage Conv	MP-16	L 20(K) S	
	Mark 24				
		Transceiver	Mark 24	I 20(K) S	
	NAV-COM 10/11 Series				

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	(Spectrum)	Transceiver	COM 10,A	V 20C(M) S	A VHF NAV system approval granted to NAV 10 includes also the VHF COM 10, 10A associated with the NAV 10. The COM 10 will not normally qualify for a VHF COM system in these circumstances
		VOR/LOC Conv Inc	NAV 10	V 20C(M) S	
		Recvr Indic	NAV 11/12	L 20C(M) S	
		Receiver	NAV-14	L 20C(M) S	
		Voltage Conv	MP-16	L 20(L) S	
		Voltage Conv	MP-10	I 30(NL) S/I 40P(NL) S	
	NAV 100				
	(Executive Line)	Receiver	NAV 100	I 15(K)/I 40P(K)	
		RF/Mod Unit	MP 100/14	I 20(K) S/I 40P(K)	
		RF/Mod Unit	MP 100/28	I 20(K) S/I 40P(K)	
	NAV 110				
	(TSO'd Spectrum Line)	Converter	NAV 110 TSO	V 20C(P) S	A VHF NAV System approval granted to NAV 110 includes also the VHF COM 110 associated with the NAV 110. The COM 110 will not normally qualify for approval as a VHF COM system in these circumstances
		Indicator			
	NAV 111				
	(TSO'd Spectrum Line)	Receiver			
		Conv Indic	NAV 111 TSO	I 30C(P) S/I 40P(P) S	
	NAV 112				

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	(TSO'd Spectrum Line)				
		Receiver	NAV 112 TSO	I 30C(P) S/I 40P(P) S	
		Conv Indic			
	NAV 114				
	(TSO'd Spectrum Line)	Receiver	NAV 114 TSO	I 30C(P) S/I 40P(P) S	
	NAV 121 TSO				
		Receiver	NAV 121 TSO	I 15, I 35C, I 40P(PKM) S	
		Conv Indic			
		Voltage Conv	MP 11 TSO	I 35, I 40P(N) S	
	NAV 122 TSO Series				
		Receiver	NAV 122 TSO	I 15, I 35C, I 40P(PKM) S	
		Conv Indic			
	NAV 122A TSO				
		Receiver	NAV 122A TSO	I 15, I 35, I 40P(PKM) S	
		Conv Indic			
		Voltage Conv	MP 11 TSO	I 35, I 40P(JN) S	
	NAV 124 TSO Series				
	NAV 124 TSO				
		Receiver	NAV 124 TSO	I 15, I 35C, I 40P(PKM) S	Glide slope receiver contained in NAV 124 TSO is NOT approved for IFR operations
		Conv Indic			
	NAV 124A TSO				

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Receiver	Nav 124A TSO	I 15, I 35C, I 40P(PKM) S	
		Conv Indic			
	NAV 124R TSO				
		Receiver	NAV 124R TSO	I 15, I 35C, I 40P(PKM) S	
		Indicator	ID 124()	I 15/I 35C/I 40P(KMP) S	
		Indicator	HSI 100()	I 15/I 35C(O) S	
		Voltage Conv	MP 11 TSO	I 35/I 40P(JN) S	
		Voltage Conv	MP 15	I 35/I 40P(JN) S	
		Voltage Conv	MP 20	I 35/I 40P(JN) S	
	NAV 824/825 TSO				
		Receiver	NAV 824/825 TSO	I 15/I 35C/I 40P(KMP) S	
		Indicator	ID 824/825/826 TSO	I 15/I 35C/I 40P(KMP) S	
	OC-110				
		VOR/LOC Converter	OC-110	I 30(NJ) S/I 40P(NJ) S	
	VOA Series				
		Nav Converter	VOA-3	V 10(L)	
		Nav Converter	VOA-3A	I 20(T)	
		Nav Converter	VOA-4	V 10(K)	
		Nav Converter	VOA-5	V 10(K)	
		Nav Converter	VOA-6	V 10(K)	
		Nav Converter	VOA-8	I 20(K) S	Only if Narco Export Service Bulletin No E-5 is incorporated otherwise classification is V 20(K) S

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Nav Converter	VOA-9	I 20(K) S	Only if Narco Export Service Bulletin No E-5 is incorporated otherwise classification is V 20(K) S
		Nav Converter	VOA-40	L 10(L)	
		Nav Converter	VOA-40M	L 10(L)	
		Nav Converter	VOA-50M	L 10(L)	
		Nav Converter	VOA-100	I 40P(K)	
		Nav Converter	VOA-110	I 40P(K)	
		Nav Converter	VOA-821/822	I 15/I 35C/I 40P(KMP) S	
Radair					
	RADAIR-1				
		VOR/LOC Conv Ind	RADAIR-1	V 20C(M)	
	RADAIR-200				
		Receiver	RADAIR-200	V 20C(M)	
		DC Converter	RC-28	V 20C(M)	
	RADAIR-240				
		VOR/ILS Conv Ind G/S Recvr	RADAIR-240	V 20C(M)	Glide Slope receiver not approved for any IFR operation
R.C.A					
	AVI-200				
		RMI/VOR Conv	MI-585000	I 30(K) S	
		RMI/VOR Conv	MI-585000-1	I 30(K) S	
		RMI/VOR Conv	MI-585000-2	I 30(K) S	
		RMI/VOR Conv	MI-585000-3	I 30(K) S	
	AVI-201				
		RMI/VOR Conv	MI-585001	I 30(K) S	
		RMI/VOR Conv	MI-585001-1	I 30(K) S	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		RMI/VOR Conv	MI-585001-2	I 30(K) S	
	AVI-202				
		RMI/VOR Conv	MI-585002	I 30(K) S	
		RMI/VOR Conv	MI-585002-1	I 30(K) S	
		RMI/VOR Conv	MI-585002-2	I 30(K) S	
	AVI-203				
		RMI/VOR Conv	MI-585099, -1/-3	I 30(K) S	
	AVI-204				
		Auto VOR Conv	MI-585067	I 30(JN)	
	AVI-205				
		Auto VOR Converter	MI-585068	I 30(JN)	
	AVN-210/210A Series				
		Receiver AVN-210	MI-592100, -1, -3, -4	I 30(K) S	
		Receiver AVN-210A	MI-585072, -1/-7	I 30(K) S	
		Receiver AVN-211	MI-592100-2, -5	I 30(K) S	
		Receiver AVN-211A	MI-585077, -1/3	I 30(K) S	
		Receiver AVN-212	MI-592177, -1	I 30(K) S	
		Receiver AVN-214	MI-592178, -1	I 30(K) S	
		Receiver AVN-215	MI-592179, -1	I 30(K) S	
		Antenna	MI-592127	I 45(N) S	Optional Items
		Antenna	MI-592129	I 45(N) S	Optional Items
		Crossover & Dual Coupler	MI-592131	I 45(N) S	Optional Items
	AVN-220/220A Series				
		Receiver AVN-220	MI-585031, -1, -2	I 30(K) S	
		Receiver AVN-220A	MI-585073, -1/-3	I 30(K) S	
		Receiver AVN-211	MI-585032, -1, -2	I 30(K) S	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Receiver AVN-211A	MI-585075, -1/-3	I 30(K) S	
		Antenna	MI-592127	I 45(N) S	Optional items
		Antenna	MI-592129	I 45(N) S	Optional items
		Crossover & Dual Coupler	MI-592131	I 45(N) S	Optional items
Sperry Flight Ssystems					
	NR-106A				
		Receiver	NR-106A	I 45(JN)S (G)	
Sunair Electronics Inc					
		Transceiver	SA-1036	V 10(K)	
		Mod P/S	SAV-901	V 10(L)	
		Mod P/S	SAV-902	V 10(L)	
		Conv Indic	SA1-300	V 10(K)	
		Conv Indic	SA1-400	V 10(K)	
		Nav Antenna	SAN-200		Optional Equipment
		Com Antenna	SAC-100		Optional Equipment
TerraCorporation					
	TN 200				
		Receiver	TR 200	V 10(K)	Glideslope receiver not approved
TKM Incorporated Scottsdale AZ USA					
	MX300				
		Transceiver	MX300	V 15(M)	

VHF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Wilcox Electric Co Inc					
	806				
		Receiver	806A	I 45(J) S	
	1005A/B				
		Receiver	1005A	I 45(N) S	
		Receiver	1005B	I 45(N) S	
	1006				
		Receiver	1006A	I 45(N) S	
	Receiver	1006B	I 45(N) S		

VLF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Canadian Marconi Co	CMA 771/734 MK II	Rec Processor	RPU	I 50(MNO)	
		Control Display	CDU	I 15/I 20C(KMP) S	
		Loop Ant Coupler	ACU	I 50(JNT) S	
Collins Avionics	LRN70/80	Rec Processor	42831	I 50C(N) S	
		Control Display	42832	I 50C(N) S	
		Antenna	42804	I 50(J) S	
	LRN-85A	Rec Processor	RPU-85A	I 50C(N) S	
		Control Display	CDU-85	I 50C(N) S	
		Antenna	ANA-85	I 50(JN) S	
	Crouzet	EQUINOX 210A	RPU (2000A)	87272051 VO4	I 15/I 50C(J)S
CDU (20)			87252251 ()	I 15/I 50C(J)S	
ACU (10)			87232237 ()	I 50(J)S	
ACU(40)			87232276 ()	I 50(J)S	
ACU (50)			87292303 ()	I 50(J)S	
				(C)	
Global Navigation Inc	GNS-500A	Receiver Computer		I 50(MNO) S	
		Control Display		I 50(MNO) S	
		Antenna		I 50(JN) S	

VLF Nav

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	GNS-1000				
		RPU	30050	I 50(MNO) S	
		CDU	30300	I 50(MNO) S	
		FMC	30150	I 50(MNO) S	
		Ant E Field	10085	I 50(JNSTV) S	
		Ant H Field	11455	I 50(JNSTV) S	
Litton Aero Products					
	300/3100				
		RPU	460920	I 25/I 50C(MN) S	
		CDU	460900	I 15/I 20C(MP) S	
		CDU	461690	I 25/I 35C(MP) S	
		ACU	460980	I 25/I 50C(JLN) S	
Tracor Aerospace					
	TA 7800				
		Nav Processor	15710-0001	I 50(JLN) S	
		Control Display	157500-XXXX	I 20C(KMP) S	
		Ant Coupler	157520-0001	I 50(JLN) S	
	TA 7900				
		Nav. Processor	159750	I 50(JLN)S	
		Control Display	159710	I 15/I 40P(KMP)	
		Ant. Coupler	157520	I 50(JLN)S	

WHR Rad

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
Bendix Avionics					
	RDR-1D				
		Trans-Recvr	RDR-1D	I 30(T) S	
		Synch P/S	SYN-1B	I 30(T) S	
		Control	CON-1L2/4	I 30(T) S	
		Indicator	PPI-1D	I 30(T) S	
		Indicator	PPI-1E-2	I 30(T) S	
		Antenna	ANT-1S	I 45(N) S	With pressurised wave guide rating becomes I 50(N) S
		Antenna	ANT-1F	I 45(N) S	With pressurised wave guide rating becomes I 50(N) S
		Antenna	ANT-1G	I 45(N) S	With pressurised wave guide rating becomes I 50(N) S
		Antenna	ANT-1N	I 45(N) S	With pressurised wave guide rating becomes I 50(N) S
	RDR-1E				
		Trans-Recvr	RDR-1E	I 30(N) S	When mounted on appropriate shockmount
		Trans-Recvr	RDR-1E-1	I 30(N) S	When mounted on appropriate shockmount
		Indicator	PPI-1G	I 30(N) S	When mounted on appropriate shockmount
		Indicator	PPI-1GT	I 30(N) S	When mounted on appropriate shockmount
		Indicator	PPI-1E-2	I 30(N) S	When mounted on appropriate shockmount
		Indicator	PPI-1D	I 30(N) S	When mounted on appropriate shockmount
		Antenna	ANT-1N	I 30(N) S	When unpressurised waveguide. With pressurised waveguide, classification is I 50(N) S

WHR Rad

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Antenna	ANT-1M	I 30(N) S	When unpressurised waveguide. With pressurised waveguide, classification is I 50(N) S
		Antenna	ANT-1G	I 30(N) S	When unpressurised waveguide. With pressurised waveguide, classification is I 50(N) S
		Control	CON-1N	I 30(N) S	
		Control	CON-1P	I 30(N) S	
		Indicator (Colour)	PPI-1U()	I 15/I 20C/I 40P(KM) S	
		Antenna	ANT-1E/J	I 30(N) S	When unpressurised waveguide. With pressurised waveguide, classification is I 50(N) S
	RDR-1F				
		Trans Recvr	RDR-1F	I 20/I 45P(N) S	
		Control	CON-1R	I 20(K) S	
		Control	CON-1S	I 20(K) S	
		Indicator	PPI-1L	I 20(K) S	
		Antenna	ANT-1T	I 45(J) S	
		Indicator (Colour)	PPI-1T	I 15/I 20C/I 40P(KS) S	
	RDR-4A				
		Recvr-Trans	RTA-4A	I 15/I 40P(O) S	
		Control	CON-4A/B	I 15/I 40P(K) S	
		Indicator (Colour)	PPI-4B	I 15/I 40P(K) S	
		Drive Unit	DAA-4A	I 50(J) S	
		Antenna	REA-4()	I 50(J) S	
	RDR-100				
		Trans Recvr	RT-101A-28	I 30P(T) S	Equipment not to be installed on a mandatory basis in aircraft which have a cruising speed exceeding 350 knots

WHR Rad

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Trans Recvr	RT-101B-28	I 30P(T) S	Equipment not to be installed on a mandatory basis in aircraft which have a cruising speed exceeding 350 knots
		Indicator	IN-102A	I 30P(T) S	Equipment not to be installed on a mandatory basis in aircraft which have a cruising speed exceeding 350 knots
		Antenna	AT-103A	I 45(T) S	Equipment not to be installed on a mandatory basis in aircraft which have a cruising speed exceeding 350 knots
		Radome Kit	RD-105 A to F		
		Inverter	IV-901A-28	I 30P(T) S	Equipment not to be installed on a mandatory basis in aircraft which have a cruising speed exceeding 350 knots
		Converter	PS-900A-14	I 30P(T) S	Equipment not to be installed on a mandatory basis in aircraft which have a cruising speed exceeding 350 knots
	RDR-110				
	(Trophy Line)	Recvr-Trans	RT-101B-28	I 45(N) S	Equipment not to be installed on a mandatory basis in aircraft which have a cruising speed exceeding 350 knots
		Indicator	IN-112	I 45(N) S/I 40P(N) S	Equipment not to be installed on a mandatory basis in aircraft which have a cruising speed exceeding 350 knots
		Antenna	AT-113	I 45(N) S	Equipment not to be installed on a mandatory basis in aircraft which have a cruising speed exceeding 350 knots

WHR Rad

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	RDR-130				
		Recvr-Trans	RT-131A	I 30(N) S	
		Indicator	IN-132A	I 20(K) S/I 40P(K) S	
		Antenna	AT-143A	I 30(J) S	
		Indicator (Colour)	IN-2028A	I 15/I 20C/I 40P(MOP) S	
	RDR-140				
		Recvr-Trans	RT-1201A	I 45(J) S	
		Indicator	IN-1202A/B	I 20I 30C(K) S	
		Antenna	AT-143A	I 30(J) S	
	RDR-150				
		Recvr-Trans	RT-131A	I 30(LN) S (J)	
		Indicator	IN-152A	I 30(KM) S/I 35C(KM) S	
		Antenna	AT-133A	I 30(J) S	
		Drive Unit	DA-144A	I 30(J) S	
		Phased Array	AA-1210A	I 45(J) S	
		Phased Array	AA-1212A	I 45(J) S	
		Indicator (Colour)	IN-2026A	I 15/I 20C/I 40P(MOP) S	
	RDR-160				
		Antenna Rec/Tr	ART/161A	I 30/I 35C(KM) S	
		Indicator	IN-152A	I 30(KM) S/I 35C(KM) S	
	RDR-230HP				
		Ant-Rec-Trans	ART-231A	I 20/I 40P(J) S	
		Indicator (Colour)	IN-232A	I 15/I 20C/I 40P(MOP) S	
	RDR-1100				
		Recvr-Trans	RT-131A	I 30(LN) S (J)	
		Indicator	IN-1102A	I 20(KM) S	
		Drive Unit	DA-1203A	I 45(J) S	

WHR Rad

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Antenna Array	AA-1218A	I 45(J) S	
		Indicator (Colour)	IN-2027A	I 15/I 20C/I 40P(MOP) S	
	RDR-1150				
		Recvr-Trans	RT-1151A	I 50(JMN) S	
		Indicator (Colour)	IN-1152A/B	I 15/I 20C/I 40P(KMP) S	
		Antenna	AA-4510A/4512A	I 45(JLN) S	
		Antenna	AA-4518A	I 45(JLN) S	
		Antenna	AA-5512A/5518A	I 50(JLN) S	
	RDR-1200				
		Recvr-Trans	RT-1201A	I 45(JN) S	
		Indicator	IN 1202A/B	I 20/I 30C(K) S	
		Indicator (Colour)	IN-2021A	I 15/I 20C/I 40P(MOP) S	
	RDR-1300				
		Recvr-Trans	RT-1301A	I 40(JN) S	
		Indicator	IN-1302A	I 20(P) S/I 25P(P) S	
		Indicator (Colour)	IN-2022A	I 15/I 20C/I 40P(MOP) S	
	RDR-1300B				
		Recvr-Trans	RT-1301B	I 50C(MON) S	
		Indicator	IN-1302B	I 15/I 20C/I 40P(KMP) S	
		Interface Unit	IU-1405A	I 45(JN) S	
	RDR-1400				
		Recvr-Trans	RT-1401A	I 45(JN) S	
		Indicator	IN-1402A	I 20(P) S/I 25P(P) S	
	RDR-1400B/C				
		Recvr-Trans	RT-1401B	I 50C(MON) S	
		Indicator	IN-1402B	I 15/I 20C/I 40P(KMP) S	
		Indicator (Colour)	IN-2025A	I 15/I 20C/I 40P(MON) S	
		Indicator (Colour)	IN-2025B	I 15/I 20C/I 40P(MOP) S	

WHR Rad

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	RDR-1500				
		Recvr.-Trans.	RT-1501A	I 25(MO)S (N)	
		Indicator	IN-1502A	I 15/I 25C(KMP)S	
		Control	CN-1506A	I 25(KMP)S	
		Interface	IU-1507A	I 25(MO)S (N)	
		Ant.Array	AA-1504A	I 50(JLN)S	
		Ant. Drive	DA-1203A	I 50(JLN)S	
	RDS-81				
		Rcvr-Trans	RS-811A	I 50(JLN) S	
		Indicator (Colour)	IN-812A	I 25/I 40P(KMP) S	
		Radar Graph Comp	GC-360A	I 15/I 50C(KMP) S	
	RDS-82				
		Recvr-Trans	RS-181A	I 50(JLN) S	
		Indicator (Colour)	IN-182A	I 15/I 20C/I 40P(KMP) S	
		Antenna Arrays	AA-5510B/5512B	I 50(JLN) S	
	RDS-86				
		Recvr-Trans	RS-861A	I 50(JL) S	
		Indicator (Colour)	IN-862A	I 15/I 35C(KMP) S	
		Antenna	AA-5518B	I 50(JL) S	
Collins Avionics					
	TWR-850				
		Recvr.-Trans.-Ant.	RTA-852/854/858	I 50(J)S	
		Control	WXP-850A/B	I 15/I 50C(KMP)S	
	WP-103				

WHR Rad

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Recvr Trans	374A-3/-4	I 30(J) S	Classification applies to units with serial numbers up to 2000. For units with serial numbers above 2000, classification is I 45(J) S
		Synchronizer	776C-3/-4	I 45(J) S	
		Indicator	493A-3/-4	I 30(J)	
		Indicator	493A-5	I 30(J)	
		Control	561G-3/-4	I 30(J) S	
		Antenna	537F-7/7A	I 45(J) S	
		Antenna	537F-8/8A	I 45(J) S	
		Accessory Unit	399U-1	I 45(J) S	
	WXR-80				
		Recvr Trans	719R-1	I 30(LO) S/I 40P(LO) S (JN) (JN)	
		Antenna	937R-1/-2	I 45(H) S	With pressurised wave guide. With unpressurised waveguide, rating becomes I 30(H) S
		Antenna	937R-3/-4	I 45(H) S	
		Indicator	495R-1	I 30(P)/I 40P(P)	
	WXR-150				
		Recvr Trans	WXT-150	I 30(J) S	
		Indicator	IND-150	I 30(P) S	
		Antenna	ANT-152	I 30(J) S	
	WXR-200/200A				
		Recvr Trans	WXT-200/200A	I 30(JN) S	
		Indicator	IND-200/200A	I 30(P) S	
		Indicator	IND-201	I 30(P) S	
		Antenna	ANT-210	I 30(JN) S	
		Antenna	ANT-212	I 30(JN) S	
	WXR-220				
		Recvr-Trans	WXT-200A	I 35(JN) S	

WHR Rad

Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Indicator (Colour)	IND-220	I 15/I 20C/I 40P(PKM) S	
		Antenna 12"	ANT-212D	I 35(J) S	
	WXR-250/250A				
		Recvr-Trans	WXT-250()	I 50(J) S	
		Indicator	IND-250()	I 30(P) S	
		Antenna	ANT-310	I 50(JN) S	
		Antenna	ANT-312	I 50(JN) S	
		Antenna	ANT-318/A	I 50(JN) S	
		Multifunct Display	WXP-85()	I 15/I 50C(KM) S	
		Multifunct Display	MFD-85A	I 15/I 50C(KM) S	
	WXR-270				
		Recvr-Trans	WXT-250A	I 50(JN) S	
		Indicator (Colour)	IND-270	I 15/I 20C/I 40P(PKM) S	
	WXR-300				
		Recvr-Trans	WXT-250A	I 50(JN) S	
		Indicator (Colour)	IND-300	I 15/I 20C/I 40P(KMP) S	
	WXR-700C/700X				
		Recvr-Trans	WRT-701C	I 15/I 40P(JN) S	
		Antenna	WMA-701C/702C	I 50(JN) S	
		Recvr-Trans	WRT-701X	I 15/I 40P(JN) S	
		Antenna	WMA-701X/702X	I 50(JN) S	
		Indicator (Colour)	WXI-701	I 15/I 40P(JN) S	
		Control	WCP-701/702	I 15/I 40P(JN) S	
Ekco Electronics Ltd					
	E90				
		Trans-Recvr	M6251, -A	I 30P(N) S	
		Indicator	M6303, -A	I 30P(J)	
		Antenna	M6204, -A	I 50(N) S	
	E190				

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		T-R Unit	M2211A/B	I 20/I 50P(L) (N)	
		Servo Unit	M2288A	I 20/I 50P(L) (N)	
		Synchro Unit	M2274A	I 20/I 50P(L) (N)	
		Indicator	M2212A/2278A	I 20/I 50P(N) S	
		Scanner	M2267A/B/C	I 30(N) S	With wave guide unpressurised. With pressurised wave guide, classification is I 50(N) S
		Scanner	M2210/2269	I 30(N) S	With wave guide unpressurised. With pressurised wave guide, classification is I 50(N) S
		Control	M3041A	I 20/I 50P(L)	
		Drift Ind	M2236A	I 20/I 50P(L)	
M.E.L Equipment Co Ltd					
	EKCO E 390/564				
		Trans-Recvr	M6250	I 45(N) S	
		Indicator	M6302A	I 45P(K) S	
		Control	M6400D	I 45(N) S	
		Antenna	M6200D	I 45(N) S	
		Wave Guide Switch	M3099D	I 45(N) S	
King Radio Corporation					
	KWX-40				
		Recvr-Trans	KT 44	I 30(J) S	Equipment not to be installed on a mandatory basis in aircraft which have a cruising speed exceeding 500 knots
		Indicator Control	KI 240	I 30(KM) S/I 40P(KM)	

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Antenna	KA 49	I 45(J) S	
	KWX 50				
		Recvr-Trans	KT 45	I 30(J) S	
		Indicator	KI 241	I 20(P) S/I 40P(P)	
		Antenna	KA 59	I 45(J) S	
	KWX 56				
		Ant/Rec/Trans	KA126	I 20(M) S	With pressurised antenna classification is I 50(M) S
		Indicator	KI 244	I 15/I 20C/I 40P(KM) S	
		Rad. Graphics	KGR 356	I 15/I 50C(KMP)S	
		Rad. Graphics	KGR 358	I 15/I 50C(KMP)S	
	KWX 58				
		Ant/Rec/Trans	KA 128	I 20(MNO) S	With pressurised antenna classification is I 50(MNO) S
		Indicator	KI 248	I 15/I 20C/I 40P(KMP) S	
	KWX 60				
		Recvr-Trans	KT 45	I 30(J) S	
		Indicator	KI 242	I 20(P) S/I 40P(P)	
		Antenna	KA 116	I 45(J) S	
	RDS-84				
		Rec.-Trans.-Ant.	RS-841A	I 50(JL)S	
		Indicator (Colour)	IN-842A	I 35C/I 40P(KMP)S	
Sperry Flight Systems/R.C.A					
	AVQ-10				
		Rec-Trans	MI-37517, -1/-4	I 30P(T)	
		Accessory Unit	MI-591078,-1/-4	I 30P(T)	
		Antenna	MI-37572-4-5	I 30(T) S	

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Antenna	MI-37587-3-5	I 30(T) S	
		Antenna	MI-37586-5-6	I 30(T) S	
		Control	MI-37590	I 30P(T)	
		Dst Indicator	MI-23613,-1/-10	I 30P(T)	
	AVQ-20				
		Rec-Trans	MI-591016	I 20(T)/I 30P(T)	
		Rec-Trans	MI-591016-1	I 30(T)	With pressurised waveguide
		Rec-Trans	MI-591016-2/3	I 50(T)	With pressurised waveguide
		Rec-Trans	MI-591016-4	I 50(T) S	With pressurised waveguide
		Rec-Trans	MI-591016-5	I 20(T) S/I 30P(T)	
		Indicator	MI-591018-1 to 4	I 20(T)/I 30P(T)	
		Indicator	MI-591029,-1/-5	I 20(T)/I 30P(T)	
		Indicator	MI-591020,1/-5	I 20(T)/I 30P(T)	
		Antenna	MI-591011-1-4	I 50(T) S	
		Antenna	MI-501011-2-3	I 50(T) S	
		Antenna	MI-592030	I 50(T) S	
		Stabil Unit	MI-591080	I 20(T)/I 30P(N)	
	AVQ-20A				
		Rec-Trans	MI-585022	I 20(T)	
		Rec-Trans	MI-585022-1	I 45(T)	With waveguide pressurised to cabin pressure
		Antenna	MI-585024/-1	I 45(T)	
		Antenna	MI-585025	I 45(T)	
		Antenna	MI-585026	I 45(T)	
		Dist Indic	MI-585023/-1/-2/-3/-4/-5	I 40P(J)	
		Stabil Unit	MI-585027	I 45(T)	
	AVQ-21				
		Rec-Trans	MI-585009	I 45(N) S	
		Dst Indic	MI-585011,-1/-3	I 30(J) S	
		Antenna	MI-585008,-1	I 45(N) S	
		Flat Plate	MI-585041		
		Flat Plate	MI-585066		

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	AVQ-30C				
		Rec-Trans	MI-592040	I 20(N) S/I 40P(N)	
		Dst Indic	MI-592042,-1/-11	I 20(N) S/I 40P(N)	
		Antenna	MI-592039	I 45(N)	
		Antenna	MI-592085	I 45(N)	
	AVQ-30X				
		Rec-Tx	M1592041,-2,-2A	I 20(N) S/I 40P(N)	
		Indicator	M1592042,-1,-2	I 20(J) S/I 40P(J)	
		Indicator	M1592042-5,-11	I 20(J) S/I 40P(J)	
		Antenna	M1592044	I 45(J) S	
		Antenna	M1592087,-1	I 45(J) S	
		Antenna	M1585081	I 45(J) S	
		Control	M1592090	I 20(J) S/I 40P(J)	
		Control	M1592091	I 20(J) S/I 40P(J)	
		Indicator (Colour)	DI-30	I 15/I 20C/I 40P(K) S	
	AVQ-45				
		Recv-Trans	M1592021	I 20(T)	Equipment must not be installed on a mandatory basis in aircraft which have a cruising speed exceeding 200 knots T.A.S
		Indicator	M1592022/-1	I 20(T)	Equipment must not be installed on a mandatory basis in aircraft which have a cruising speed exceeding 200 knots T.A.S
		Antenna	M1592077	I 20(T) S	Equipment must not be installed on a mandatory basis in aircraft which have a cruising speed exceeding 200 knots T.A.S
		Antenna	M1592020	I 20(T) S	Equipment must not be installed on a mandatory basis in aircraft which have a cruising speed exceeding 200 knots T.A.S

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	AVQ-46				
		Recvr-Trans	MI-592021	I 20(T)	Equipment must not be installed on a mandatory basis in aircraft which have a cruising speed exceeding 200 knots T.A.S
		Indicator	MI-592102-1	I 20(T)	Equipment must not be installed on a mandatory basis in aircraft which have a cruising speed exceeding 200 knots T.A.S
		Antenna	MI-592020	I 20(T)	Equipment must not be installed on a mandatory basis in aircraft which have a cruising speed exceeding 200 knots T.A.S
		Antenna	MI-592077	I 20(T) S	Equipment must not be installed on a mandatory basis in aircraft which have a cruising speed exceeding 200 knots T.A.S
	AVQ-47				
		Rec-Trans	MI-585035	I 30(J) S	Equipment must not be installed on a mandatory basis in aircraft which have a cruising speed exceeding 200 knots T.A.S
		Dist Indic	MI-585036/-1	I 30(J) S	Equipment must not be installed on a mandatory basis in aircraft which have a cruising speed exceeding 200 knots T.A.S
		Antenna	MI-585034/-1	I 30(J) S	Equipment must not be installed on a mandatory basis in aircraft which have a cruising speed exceeding 200 knots T.A.S
		Flat Plate	MI-585084	I 30(J) S	
		Flat Plate	MI-585100	I 30(J) S	

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
	AVQ-50				
		T-R Unit	MI-23675,-3	I 20(J)	
		Acces Unit	MI-23685-1,-2	I 20(J)	
		Indicator	MI-23700	I 20(J)	
		Indicator	MI-23701-1	I 20(K)	
		Antenna	MI-23651/-2	I 20(J)	
		Antenna	MI-23652/23658	I 20(J)	
		Antenna	MI-23665	I 40(J)	
	AVQ-55				
		Rec-Trans	MI-591003-1	I 45(T)	
		Rec-Trans	MI-591003	I 20/I 30P(T)	
		Rec-Trans	MI-591003-2	I 20/I 30P(T)	
		Dst Indic	MI-591005/-1	I 20/I 30P(T)	
		Dst Indic	MI-591028/-1/-2	I 20/I 30P(T)	
		Dist Indic	MI-591038/-1	I 20/I 30P(T)	
	AVQ-56				
		Rec-Trans	MI-595083	I 45(JN) S	
		Dst Indic	MI-595098/-1	I 30(KN) S	
		Antenna	MI-595085/-1	I 45(JN) S	
	PriMUS-20 WXD				
		Rec-Trans	MI-585149	I 45(JN) S	
		Indicator	MI-585147/-1	I 15(K) S/I 40P(K)	
		Antenna	MI-585148/-1	I 45(JN) S	
	PriMUS-21 WXD				
		Rec-Trans	MI-585207	I 50(X) S (N)	
		Indicator	MI-585206	I 15/I 20C/I 40P(NP) S	
		Antenna	MI-585208	I 30(JN) S	
	PriMUS-30 WXD				
		Rec-Trans	MI-585149/-2	I 45(JN) S	

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Indicator	MI-595150/-1	I 15(K) S/I 40P(K) S	
		Antenna	MI-585151/-1	I 45(JN) S	
	PriMUS-31 WXD				
		Rec-Trans	MI-585204	I 50(X) S (N)	
		Indicator	MI-585203	I 15/I 20C/I 40P(NP) S	
		Antenna	MI-585205	I 45(JN) S	
	PriMUS-35 WXD				
		Rec-Trans	MI-585152/-1	I 45(J) S	
		Indicator	MI-585153/-1 thru -7	I 15(K) S/I 40P(K)	
		Antenna	MI-585154/-1	I 45(J) S	
		Antenna	MI-585158/-1	I 45(J) S	
	PriMUS-40 WXD				
		Recvr-Trans	MI-585135	I 45(J) S	
		Indicator	MI-585134/-1/-2/-3	I 20(K) S/I 40P(K)	
		Antenna	MI-585136/-1	I 45(J) S	
	PriMUS-50 WXD				
		Recvr-Trans	MI-585182	I 45(JN) S	
		Indicator	MI-585183	I 20(P) S	
		Antenna	MI-585198/-1	I 45(JN) S	
		Flat Plate	MI-585041	I 45(JN) S	
		Flat Plate	MI-585066	I 45(JN) S	
	PriMUS-90 WXD				
		Recvr-Trans	MI-585161	I 30(J) S/I 40P(J) S	
		Indicator	MI-585162/-1/-2/-3	I 20C(K) S/I 40(PK)	
		Antenna	MI-585164/-1	I 50(J) S	
		Recvr-Trans	MI-585161	I 50(O) S (J)	This classification is applicable only to units Serial No 1051 and above

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Interface Comp	DNC-1002	I 50(J) S	
		Control (Comp)	DNCP-1001/2/3	I 15/I 20C/I 40P(K) S	
	PriMUS-150 WXD				
		Rec-Trans	RTA-1002	I 35(M) S	
		Indicator (Colour)	DI-1007/1008	I 15/I 30C/I 40P(MP) S	Alpha numeric, colour display and freeze mode functions must be evaluated during installation approval
	PriMUS-200 WXD				
		Rec-Trans	RTA-1003	I 50(J) S	
		Indicator (Colour)	DI-2008	I 15/I 20C/I 40P(K) S	Alpha numeric, colour display and freeze mode functions must be evaluated during installation approval
	(KING)	Rad. Graphics	GC-361A	I 15/I 50C(KMP)S	
	PriMUS-300 colour WXD				
		Recvr-Trans	RT-3001	I 50(J) S	
		Recvr-Trans	RT-3002	I 50(J) S	
		Indicator	DI-3001/2006	I 15/I 20C/I 40P(K) S	Alpha numeric, colour display and freeze mode functions must be evaluated during installation approval
		Indicator (Colour)	DI-3003/2007	I 15/I 20C/I 40P(K) S	Alpha numeric, colour display and freeze mode functions must be evaluated during installation approval
		Antenna	AP-3001	I 50(J) S	
	PriMUS-400 Colour WXD				
		Recr-Trans	RT-4001	I 50(J) S	

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Indicator (Colour)	DI-4001	I 15/I 20C/I 40P(K) S	Alpha numeric, colour display and freeze mode functions must be evaluated during installation approval
		Antenna	AP-4001	I 50(J) S	
	PriMUS-500 Colour WXD				
		Recvr-Trans	RT-5001	I 50(X) S (JN)	
		Indicator (Colour)	DI-5001	I 20(K) S	Alpha numeric, colour display and freeze mode functions must be evaluated during installation approval
		Antenna	AP-5001	I 50(JN) S	
	PriMUS 450/650				
		Rec.-Trans. Ant.	RTA-450/650	I 50(JL)S	
		Indicator (Colour)	WI-650	I 15/I 20C/I 40P(KMP)S	
		Control	WC-650	I 15/I 20C/I 40P(KM)S	
	PriMUS-800				
		Recvr-Trans	WR-800	I 50(J) S	
		Indicator (Colour)	WI-800	I 15/I 20C/I 40P(K) S	Alpha numeric, colour display and freeze mode functions must be evaluated during installation approval
		Antenna	WA-800	I 50(J) S	
		Control	WC-800	I 15/I 20C/I 40P(K) S	
	WEATHERSCOUT I				
		Rec-Trans Ant	RTA-1001	I 35(M) S	
		Indicator	DI-1001/1004	I 30C(M) S	Alpha numeric, colour display and freeze mode functions must be evaluated during installation approval

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Manufacturer	Unit Designation	Description	Unit Components	Classification	Notes
		Indicator (Colour)	DI-1005	I 15/I 20C/I 40P(K) S	Alpha numeric, colour display and freeze mode functions must be evaluated during installation approval
		Interface	WSIU-1	I 35(M) S	
	WEATHERSCOUT II				
		Rec-Trans Ant	RTA-1002	I 35(M) S	
		Indicator	DI-1002/1003	I 30C(M) S	Alpha numeric, colour display and freeze mode functions must be evaluated during installation approval
		Indicator (Colour)	DI-1006	I 15/I 20C/I 40P(K) S	Alpha numeric, colour display and freeze mode functions must be evaluated during installation approval
		Interface	WSIU-1	I 35(M) S	