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T.O. 1U-10A-21

TECHNICAL MANUAL

**AIRCRAFT INVENTORY RECORD
MASTER GUIDE**

USAF & ARMY SERIES

U-10A, U-10B & U-10D

AIRCRAFT

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9 JULY 1970

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USAF

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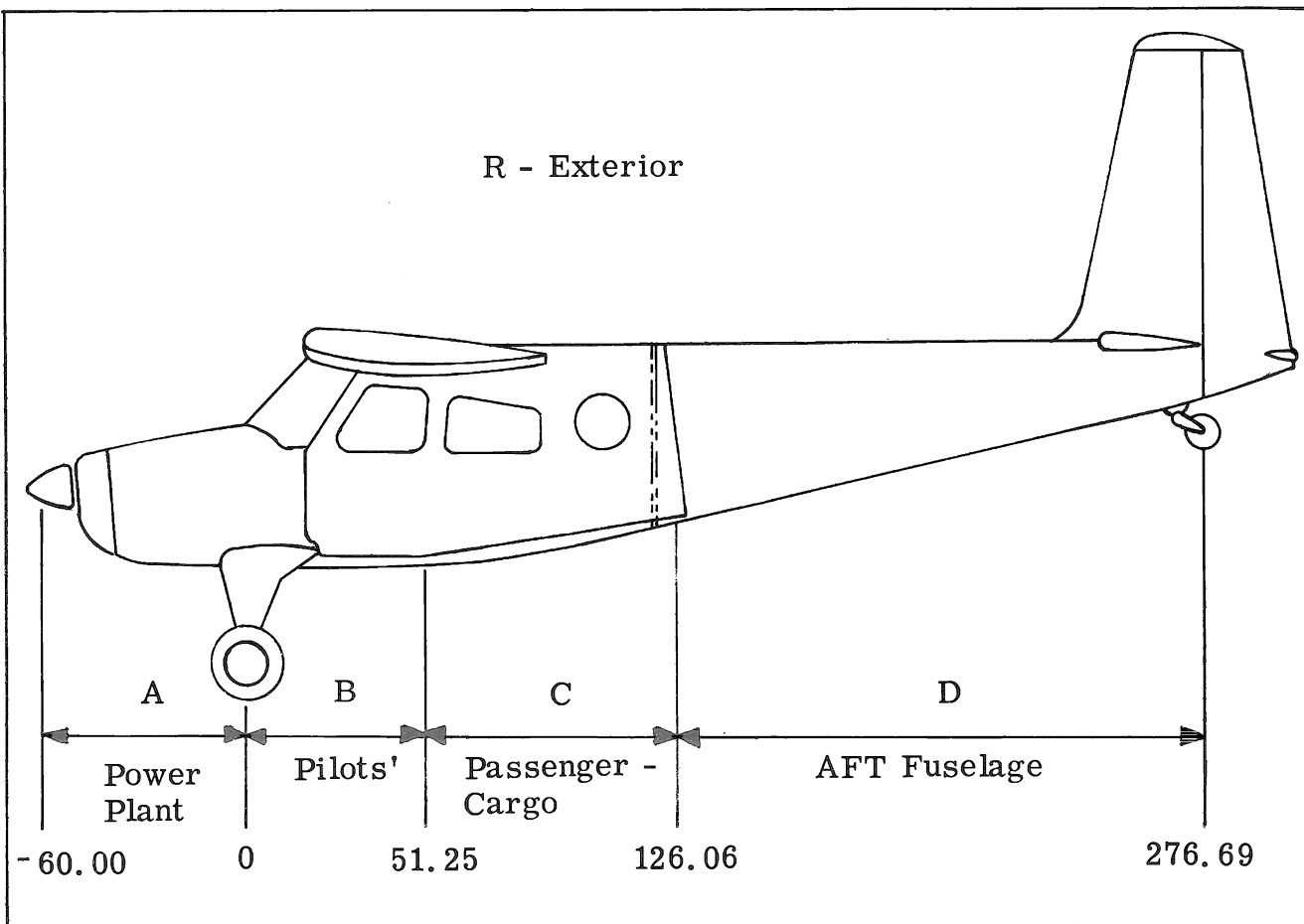
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PREFACE

The purpose of this guide is to establish those inventoriable items of installed or loose equipment required by, and authorized for, using organizations to accomplish their primary or alternate missions. Equipment required for primary mission is contained in PART I - BASIC EQUIPMENT. Equipment required for special or alternate missions is contained in PART II - SPECIALIZED EQUIPMENT. Items of equipment listed herein must be accounted for by periodic inventory. It is intended that this publication be used as a guide to assure that all items of inventoriable equipment are properly reflected in the DD Form 780. This will assure standardization of DD Forms 780 for like aircraft Air Force wide. Insofar as possible equipment has been listed in the sequence of physical location within the aircraft area, beginning in the upper forward right-hand corner of each area, progressing counterclockwise. When equipment listed is applicable to only certain aircraft of the same type or series, serial numbers of the affected aircraft are indicated through code in the Effectivity Code column. The item numbers reflected herein are not necessarily relative to or in consonance with equipment item numbers reflected in applicable DD Forms 780. Adjustment of applicable DD Forms 780 required by periodic revision of this technical order may be accomplished without regard to sequence of item listings reflected herein so long as item entries are retained within the applicable section of the aircraft indicated in the heading of the -21 Technical Order. Publication listings included herein are essentially a complete list of data reflected in T. O. 00-5-1 (figure 6-1). Only entries of those publications prescribed by command requirements, established in accordance with the provisions of T. O. 00-5-1 need be retained or entered in applicable DD Forms 780. Necessary adjustments may be made to such forms to delete those publications not required in accordance with the procedures prescribed by T. O. 00-35D-780.

Recommendations concerning changes to the equipment listed herein should be forwarded in accordance with Section I, paragraph 1-8 of T. O. 00-35D-780 to:

Commander
Warner Robins Air Material Area
ATTN: WRAMA/MMSTA
Robins Air Force Base
Georgia, 31093



SECTIONAL BREAKDOWN

USABLE ON CODE

Variations in part are indicated by a code letter or combination of code letters in the Usable on Code Column. An explanation of the code letters showing specific usability by aircraft serial numbers is shown below:

USABLE ON CODE	MODEL DESIGNATION	SERIAL NUMBERS
A	U-10A	62-3603 thru 62-3608
B	U-10B	62-5907 thru 62-5920
C	U-10B	63-8091 thru 63-8098
D	U-10B	63-8099 thru 63-8110
E	U-10B	63-13090 thru 63-13113
F	U-10A (Army)	63-13166 thru 63-13185
G	U-10D	66-14332 thru 66-14345
H	U-10D	66-14346 thru 66-14369
I	U-10D	66-14370 thru 66-14375
J	U-10A, U-10B	62-3603 thru 63-13185
K	U-10D	66-14332 thru 66-14375
L	U-10A, U-10B	62-3603 thru 63-13113
M	U-10B, U-10D	62-5907 thru 66-14375
N	U-10A, U-10B	62-3603 thru 63-8098
O	U-10A, U-10B	62-3603 thru 63-8110
P	U-10B	62-5907 thru 63-13113
Q	U-10B	63-8091 thru 63-13113
R	U-10A, U-10B	63-8099 thru 63-13185
S	U-10B, U-10D	63-8091 thru 66-14375

When no code is reflected this indicates equipment is applicable to all U-10 aircraft.

PART I

SECTION A

ENGINE COMPARTMENT

ITEM NR	NOMENCLATURE, TYPE MODEL	NUMBER REQUIRED	LOCATION OR REMARKS
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No equipment involved in this compartment

PART I

SECTION B

PILOT'S COMPARTMENT

ITEM NR	NOMENCLATURE, TYPE, MODEL	USABLE ON CODE	NUMBER REQUIRED	LOCATION OR REMARKS
B-1	Receiver R-1021/ARN-30D; R-34A; 21440	G-H-J	1	50
B-2	Converter CV-265A/ARN-30A; B-13A; 16830	J	1	50
B-3	Converter CV-265B/ARN-30A; B-13A-1; 22900	G-H	1	50
B-4	Dynaverter DV-11A/ARC; 21100	J	1	50
B-5	Dynaverter PP-2792/ARN-30D; DV-10A; 19840	G-H	1	50
B-6	Reveiver R-836/ARN; R-30A; 20480		1	50
B-7	Dynaverter PP-4328/ARN-50; DV-141A; 24630	J	1	50
B-8	Dynamotor DY-150/ARN	K	1	50
B-9	Receiver 522-1439-004	B-E-*	1	50
B-10	Transmitter 522-1438-004	B-E-*	1	50
B-11	Transmitter T-25C; 26460	D	1	50
B-12	Dynaverter DV-12A; 23400	D	1	50
B-13	Transceiver RT-294/ARC-44	A-B-C-E-**	1	50
B-14	Dynamotor DY-107/AR	A-B-C-E-**	1	50
B-15	Transceiver 709149-801	K	1	50
B-16	Computer Amplifier CA-14A; 24780	J	1	50
B-17	Receiver, Glideslope R-31A; 21420	H	1	50
B-18	Microphone, Carbon T-17; 11937	J	1	20
B-19	Headset HS-33; 11935	J	2	22
B-20	Microphone, Headset H-157/AIC	K	2	22

ITEM NR	NOMENCLATURE, TYPE, MODEL	USABLE ON CODE	NUMBER REQUIRED	LOCATION OR REMARKS
B-21	Shoulder Harness and Lap Belt Assy M4450-AC-FC		2	On Seats
B-22	Clock AN5643-2		1	20
B-23	Fire Extinguisher Type A-20		1	Floor, Front of Pilot's Seat
B-24	First Aid Kit	J	1	35
B-25	Compass, Standby		1	Mounted above Instrument panel head

*Plus 63-8095 & 63-8096

**Less 63-8091 & 63-8092

PART I

SECTION C

PASSENGER - CARGO COMPARTMENT

ITEM NR	NOMENCLATURE, TYPE, MODEL	USABLE ON CODE	NUMBER REQUIRED	LOCATION OR REMARKS
C-1	Receiver - Transmitter RT-742B/ARC-51BX	G-I	1	90
C-2	Transceiver 97606-100	A-C-K-*	1	90
C-3	Receiver RT-471/ARN-65	I	1	90
C-4	Switch SA-521/A	I	1	90
C-5	Inverter 400Hz; 20094	I	1	90
C-6	ATC Transponder RT-601A	H	1	90
C-7	DME Interrogator MI-591083-1	H	1	90
C-8	Receiver, Marker Beacon R-33A	H	1	90
C-9	Receiver - Transmitter RT-178/ARC-27	B-D-E-**	1	90
C-10	Cooler HD-615/ARC-51BX	G-I	1	90
C-11	Headset H-101/U	F	3	85
C-12	Seat Assy, Rear (Upholstered) P/N 391-030-711		1	Sta 70-90
C-13	Shoulder Harness and Lap Belt Assy M4450-AC-FC		2	On Rear Seat (passenger)
C-14	Harness Assy Fifth Seat M4450-AC-FC	A-E	1	On Fifth Seat
C-15	Seat Assy (fifth seat) Upholstered 391-030-771	A-E	1	126
C-16	Harness Assy, Safety M4450- AC-FC	K	2	On sling seat
C-17	Sling Seat Assy 250-030-786-20	K	1	126
C-18	Cushion Assy 250-020-705-20	K	1	126
C-19	First Aid Kit	K	1	111 to 145

*Less 63-8095 thru 63-8098

**Plus 63-8093

PART I

SECTION D

AFT FUSELAGE

ITEM NR	NOMENCLATURE, TYPE, MODEL	USABLE ON CODE	NUMBER REQUIRED	LOCATION OR REMARKS
D-1	Control Surface Locks		3	Installed or Stowed Sta. 126
D-2	AFTO Form 781		1	"G" File
D-3	DD Form 780		1	"G" File or Stowed
D-4	DD Form 829		1	"G" File or Stowed
D-5	AF Form 15		1	"G" File
D-6	T. O. 1U-10A-1		1	"G" File
D-7	T. O. 1U-10A-2		1	"G" File
D-8	T. O. 1U-10A-3		1	"G" File
D-9	T. O. 1U-10A-4		1	"G" File
D-10	T. O. 1U-10A-5		1	"G" File
D-11	T. O. 1U-10A-6		1	"G" File

PART I

SECTION R

EXTERIOR

ITEM NR	NOMENCLATURE, TYPE, MODEL	USABLE ON CODE	NUMBER REQUIRED	LOCATION OR REMARKS
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No equipment involved in this compartment.

PART II SPECIALIZED EQUIPMENT

SECTION A

POWER PLANT

ITEM NR	NOMENCLATURE, TYPE, MODEL	USABLE ON CODE	NUMBER REQUIRED	LOCATION OR REMARKS
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No equipment involved in this compartment.

PART II SPECIALIZED EQUIPMENT

SECTION B

PILOT'S COMPARTMENT

ITEM NR	NOMENCLATURE, TYPE, MODEL	USABLE ON CODE	NUMBER REQUIRED	LOCATION OR REMARKS
B-1	Microphone, Speaker Syst P/N AEM-MIC-2		1	Lower R/H Instrument Panel

PART II SPECIALIZED EQUIPMENT
SECTION C
PASSENGER - CARGO COMPARTMENT

ITEM NR	NOMENCLATURE, TYPE, MODEL	USABLE ON CODE	NUMBER REQUIRED	LOCATION OR REMARKS
C-1	Camera Installation (Type P2)	K		Sta 50-111
	a. Camera Control System P/N 295-075-609-0		1	Sta 70
	b. Camera Sight P/N 1950-100		1	Sta 50
	c. Camera Door P/N 295-075-851-0		1	Installed in L/H Rear Door
	d. Camera, Type P2		2	Installed in Camera Door
C-2	Airborne Speaker System	J, K		Sta 50-111
	a. Speaker Door Kit P/N 295-075-611-2		1	Installed in L/H Rear Door
	b. Speaker Installation Kit P/N 295-075-613-0		1	Sta 51-111
	c. Speaker Cable Kit P/N 295-075-920-0		1	Sta 51-111
	d. Speaker P/N B24PB		1	Installed in speaker door
	e. Amplifier P/N AEM-DE1492-C		4	
	f. Transformer P/N AEM-JBT-4A		1	Sta 51
	g. Recorder, Tape P/N TC800		1	
C-3	Door Assy, Para Drop P/N 391-030-850-0	J, K	1	Installed in L/H Rear Door
C-4	Door Assy, Litter P/N 395-030-3121-0 or SK-1231	J, K	1	Installed in L/H Rear Door
C-5	Litter Assy, MIL-L-1117A	J, K	1	Sta 51-126

PART II SPECIALIZED EQUIPMENT

SECTION D

AFT FUSELAGE

ITEM NR	NOMENCLATURE, TYPE, MODEL	USABLE ON CODE	NUMBER REQUIRED	LOCATION OR REMARKS
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No equipment involved in this compartment.

PART II SPECIALIZED EQUIPMENT

SECTION R

ITEM NR	NOMENCLATURE, TYPE, MODEL	USABLE ON CODE	NUMBER REQUIRED	LOCATION OR REMARKS
R-1	Floats, Edo Model 582-3430 L/H & R/H P/N 38-3000 L/R	J, K	2	

