

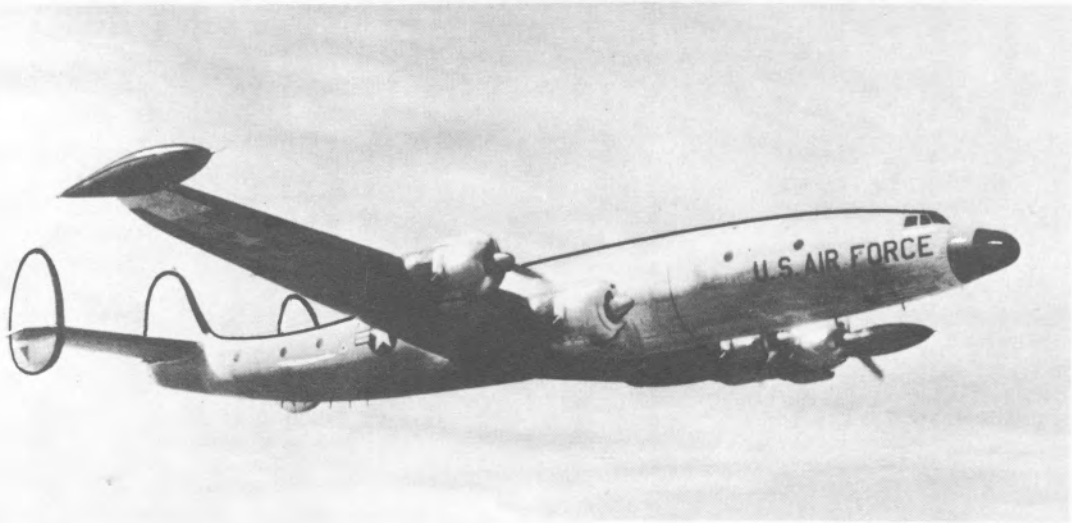
FLIGHT MANUAL

USAF SERIES

EC-121R

AIRCRAFT

F04606-68-A-0067-0112



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Dates of issue for original and changed pages are:

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TOTAL NUMBER OF PAGES IN THIS PUBLICATION IS 608 CONSISTING OF THE FOLLOWING:

Page No.	Change No.	Page No.	Change No.	Page No.	Change No.
Title	0	6-10 Blank	0	A2-20 Blank	0
A	0	7-1 - 7-35	0	A3-1 - A3-42	0
i - iv	0	7-36 Blank	0	A4-1 - A4-14	0
1-1 - 1-77	0	8-1 - 8-17	0	A5-1 - A5-59	0
1-78 Blank	0	8-18 Blank	0	A5-60 Blank	0
2-1 - 2-47	0	9-1 - 9-13	0	A6-1 - A6-48	0
2-48 Blank	0	9-14 Blank	0	A7-1 - A7-9	0
3-1 - 3-85	0	A-1	0	A7-10 Blank	0
3-86 Blank	0	A-2 Blank	0	A8-1 - A8-6	0
4-1 - 4-66	0	A1-1 - A1-18	0	X-1 - X-9	0
5-1 - 5-16	0	A2-1 - A2-19	0	X-10 Blank	0
6-1 - 6-9	0				

CURRENT FLIGHT CREW CHECKLISTS

T.O. 1C-121(E)R-1CL-1	28 February 1970
T.O. 1C-121(E)R-1CL-2	28 February 1970
T.O. 1C-121(E)R-1CL-3	28 February 1970
T.O. 1C-121(E)R-1CL-4	28 February 1970
T.O. 1C-121(E)R-1CL-5	28 February 1970
T.O. 1C-121(E)R-1CL-7	28 February 1970
T.O. 1C-121(E)R-1CL-8	28 February 1970
T.O. 1C-121(E)R-1CL-9	28 February 1970
T.O. 1C-121(E)R-CL-1-1	28 February 1970
T.O. 1C-121(E)R-CL-2-1	28 February 1970

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ADDITIONAL COPIES OF THIS PUBLICATION MAY BE OBTAINED BY USAF ACTIVITIES IN ACCORDANCE WITH T.O. 00-5-2.

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NOT HARMFUL IF SWALLOWED

SCOPE. This manual contains the information necessary for safe and efficient operation of the EC-121R. These instructions provide you with general knowledge of the airplane, its characteristics, and specific normal and emergency operating procedures. Your flying experience is recognized, and therefore basic flight principles are not discussed.

SOUND JUDGMENT. Instructions in this manual are for a crew inexperienced in the operation of the airplane. This manual provides the best possible operating instructions under most circumstances, but it is not a substitute for sound judgment. Multiple emergencies, adverse weather, terrain, etc., may require modification of the procedures.

PERMISSIBLE OPERATIONS. The Flight Manual takes a positive approach and normally states only what you can do. Unusual operations or configurations (such as asymmetrical loading) are prohibited unless specifically covered herein. Clearance must be obtained from the Flight Manual Manager SMAMA before any operation is attempted which is not specifically permitted in this Manual.

STANDARDIZATION AND ARRANGEMENT. Standardization procedures ensure that the scope and arrangement of all Flight Manuals is identical. The Manual is divided into ten nearly independent sections to simplify using it as a reference manual. The first three sections must be read thoroughly and understood fully before attempting to fly the airplane. The remaining sections provide important information for safe and efficient mission accomplishment.

OPERATIONAL AND SAFETY SUPPLEMENTS. Information involving operations or safety will be promptly forwarded to you by Supplements. Those affecting loss of life will get to you in 48 hours by TWX; those concerning serious damage to equipment within 10 days by mail. The current status of each Supplement affecting your airplane can be determined by referring to Cargo Aircraft Safety Supplements. The Supplement Summary page of the Flight

Manual should also be checked to determine the effect they may have on existing supplements. You must remain constantly aware of the status of all supplements — current supplements must be complied with, but there is no point in restricting your operation by operating in accordance with a replaced or rescinded supplement.

CHECKLISTS. The Flight Manual contains only amplified checklists. Abbreviated checklists have been issued as separate technical orders, see the back of the title page for T.O. number and date of your latest checklist. Numbered items in the Flight Manual (Sections II and III) and checklists are identical with respect to arrangement and item number. Scroll checklists are identical with respect to arrangement and item number. Scroll checklists are authorized with the requirement that crew members have available abbreviated checklists.

HOW TO GET PERSONAL COPIES. Each flight crew member is entitled to personal copies of the Flight Manual, Operational and Safety Supplements, and Checklists. The required quantities should be ordered before you need them, to ensure their prompt receipt. Check with your supply personnel — it is their job to fill your Technical Order requests. Basically, you must order the required quantities on Cargo Aircraft Safety Supplements. Technical Orders 00-5-1 and 00-5-2 give detailed information for properly ordering these publications.

FLIGHT MANUAL AND CHECKLIST BINDERS. Loose-leaf binders and sectionalized tabs are available for use with your manual. These are obtained through local purchase procedures and are listed in the Federal Supply Schedule (FSC Group 75, Office Supplies, Part 1). Binders are also available for carrying your abbreviated checklist. These binders contain plastic envelopes into which individual checklist pages are inserted. The binders are obtainable in three capacities through normal Air Force Supply channels under the following stock-list numbers: 7510-766-4268, -4269, and -4270 for 15, 25, and 40-envelope binders, respectively. Check with your supply personnel for assistance in securing these items.

WARNINGS, CAUTIONS, AND NOTES. The following definitions apply to "Warnings," "Cautions," and "Notes" found throughout the manual.

WARNING

Operating procedures, practices, etc., which will result in personal injury or loss of life if not correctly followed.

CAUTION

Operating procedures, practices, etc., which if not strictly observed will result in damage to or destruction of equipment.

NOTE

An operating procedure, condition, etc., which it is essential to highlight.

YOUR RESPONSIBILITY – TO LET US KNOW. Every effort is made to keep the Flight Manual current. Review conferences with operating personnel and a constant review of accident and flight test reports assure inclusion of the latest data in the manual. However, we cannot correct an error unless we know of its existence. In this regard, it is essential that you do your part. Comments and questions regarding this manual or any phase of the Flight Manual Program are welcomed. AF Form 847 will be used for recommending changes to the Flight Manual in accordance with instruction in AFR 60-9 and T.O. 00-5-1. These will be forwarded through command headquarters to SMAMA, McClellan AFB, California, ATTN: SMNSTT. AF Forms 847 are routed to SMNSTT for control purposes. Technical content of the Flight Manual is the responsibility of the Flight Manual Manager (SMNEOH) and all comments and questions transmitted by means other than the AF Form 847 will be submitted directly to the Flight Manual Manager, SMAMA, McClellan AFB, California, Attn: SMNEAH.

THE AIRCRAFT

EC 121R

