

NOMENCLATURE: E Primary Servo Assy

PART NO. 81666-20421-041

ERICKSON AIR-CRANE
PAA MECHAN STATION JY0008P
COMPONENT LOG CARD

[illegible]

OVERHAUL INTERVAL: 1,200.0 hrs

RETIREMENT TIME: See item 3

ERICKSON AIR-CRANE

ALL AIRLINE STATION COUNTRIES

ASSOCIATED LIFE LIMITED EQUIPMENT TO MAJOR COMPONENTS

[illegible]

PG 3 OF 3

COMPONENT MAINTENANCE RECORD

[illegible]

PROPRIETARY AND CONFIDENTIAL

This document contains information that is the property of Intel Corporation and its subsidiaries. It contains trade secrets and confidential information, which is intended only for the individual named. If you are not the named individual you should not disseminate, distribute or copy this document. If you are not the named individual you should not disseminate, distribute or copy this document. If you are not the named individual you should not disseminate, distribute or copy this document. If you are not the named individual you should not disseminate, distribute or copy this document. If you are not the named individual you should not disseminate, distribute or copy this document.

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2818

PG 2 OF 3

925-020-1 Rev. 4, 08/20/06

Equipment Life Summary

Equipment id: S1565-20421-041-EAC33426

Customer Equipment Number: PRIMARY SERVCO
Equipment description: S1565-20421-041-1
Equipment Type ID: S1565-20421-041-1
Owner: Pflon

Equipment serial number: EAC33426
Item number: :
Supplier: :
Owner organization code: :
Physical location: :
Allocated organization code: :
Physical asset number: :
Commission date: 12/6/2019

Overhaul Cycle Life
Limit: 1,700.0
Life: 0.0
Overhaul Cycle Life
Limit: 0.0
Life: 0.0

Structure position	Equipment Type	Equipment description	UOM	TSMTSO	CSN	DSN	Life limit	Overhaul Cycle Life	Limit	Life	Overhaul Cycle Life	Limit	Life	Overhaul Cycle Life	Limit	Life	Overhaul Cycle Life	Limit	Life
1	S1565-20421-041-EAC33426	PRIMARY SERVCO	HR	0.0	0	0	0.0	1,700.0	0.0	0.0	1,700.0	0.0	0.0	1,700.0	0.0	0.0	1,700.0	0.0	0.0
2	S1565-20443-000-EAC11814	PISTON ASSEMBLY	HR	4,004.1	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	S1565-20449-000-EAC3315	FOR ASSY	HR	3,813.2	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**ERICKSON INCORPORATED
FAA REPAIR STATION JYDR439F**

**SERVICE BULLETINS
S-64E PRIMARY SERVO**

P/N S1565-20421-041

Notes:

S/N

T.T.

T.S.O.

W/O

1. New sheet must be completed at overhaul.
2. A previously completed SB sheet is acceptable on scheduled maintenance or repair work orders. Review and update if an SB has been accomplished since last overhaul.

SB NO.	P/N	SUBJECT	MANDATORY	NON-MANDATORY
Alert 64B29-9 Rev. IR	S1565-20421-10, -11, 041	Recurring inspection of N/A'd housing P/N S1565-20252-2 for crack in 1st stage hi-pressure port until housing is reworked and identified with HS-503. Housing is marked with HS-503, no further inspection is required.	N/A C/W	
64B29-5 Rev. IR	S1565-20421-041	One time insp. of bolt torque, ref. Para. 2.B.(2) and piston head torque, ref. Para. 2.B.(3). Insp. for wear on piston head mating surface and for chrome plate on ends of piston rod, ref. Para. 2.B.(4). Insp. of piston rod threads for damage, ref. Para. 2.B.(5).	C/W	
Alert 64B29-8 Rev. IR	S1565-20421-041	Shim installation between piston and fork. Verify that no shim is installed before servo is returned to service, ref. Para. 2.A.(1) and (4).	C/W	
64B40-1A Rev. 1	Servo S1565-20241 Rod Assy S1565-20234-5	Inspection of Control Rod for corrosion, Para. 2.A.(1-6), 2.B.(1-4).	P/C/W	
64B65-6 Rev. IR	S1565-20421-10	Primary Servo Cap Replacement - changes P/N from a -010 to a -011. Verify compliance.	P/C/W	
64B65-8 Rev. IR	S1565-20421-11	Servo Sleeve Replacement - changes P/N from a -011 to a -041. Verify compliance.	P/C/W	

Definition of Acceptable Entries:

P/C/W - Indicates that the S/B was visually verified to be complied with on a previous repair or overhaul work order.

C/W - Indicates that the S/B was performed on the unit at the total time and date noted on this work order indicated on this page.

N/A - Indicates that the S/B does not apply to the unit (reason to be stated).

MECHANIC

DATE

INSPECTOR

DATE

ERICKSON AIR-CRANE FAA REPAIR STATION JYDR4397
AD COMPLIANCE RECORD
S-64E MODEL

E PRIMARY SERVO

P/N: S1565-20421-041

S/N: EAL 33426

DATE: 12/5/19 W/O 156523
 T.S.O. 0.0

AD No. Rev. Date	Subject	Modt. Applic.	Compliance Status	Work Order No.	Remarks
2013-20-15 12/05/13	Within 150 hrs TIS or before reaching 3375 hrs TIS, whichever occurs later, perform a FPI on housing P/N S1565-20252-2 lug for cracks, reference para. f (B).	S-64E	11/13/18 C/W / P FPI on Housing P/N S1565-20252-2	160108	Within 150 hrs before reaching 3375 hrs TIS whichever occurs later and thereafter at intervals not to exceed 3375 hrs TIS. 3375 hrs TIS

MAINTENANCE [Signature]

INSPECTOR SIGNATURE [Signature] 12/06/19

Footnotes for method of Compliance:

1. P/C/W - This entry indicates that the AD was visually verified to be complied with on a previous repair or overhaul.
2. C/W - This entry indicates that the AD was performed on this Primary Servo at the total time and date noted above on the work order indicated on top of this page.
3. N.A - This entry indicates that the AD does not apply to this Primary Servo (reason to be stated).

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 186523-1	
4. Organization Name and Address: Erickson Incorporated dba Erickson Air-Crane 3100 Willow Springs Road Central Point, OR 97502				5. Work Order/Contract/Invoice Number: 156523		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	E Primary Servo	S1565-20421-041	1	EAC33426	Overhauled	
12. Remarks: O/H C/W Ref EAC044 Rev 3. Dated 5/31/2010. Remove @ 1,700.0 Hrs T.S.O. for Due Overhaul. T.S.O. 0.0. A complete description of work performed is on file at the above referenced organization under the work order and system tracking reference number indicated in blocks 3 and 5. NOTICE: An Airworthiness Directive may apply to the article(s) described hereon. The installer is responsible for ensuring complete compliance with any applicable Airworthiness Directives.						
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 12.			14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certificate No.:
						JYDR439F
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
				Brent Erickson		10 Dec 2019
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

FAA Form 8130-3 (02-14)

*Installer must cross-check eligibility with applicable technical data.

NSN: 0052-00-012-9005

Erickson Incorporated

Aircraft Maintenance Logbook

Parts Removed / Installed

Part Number	Nomenclature	S/N	T.S.N	T.S.O	Off/On	ACTT
31565-20421-041	E PRIMARY SERVO	A942	UNK	16928	OFF	202428
31565-20421-041	E PRIMARY SERVO	EAC 33426	UNK	00	ON	202428

Maintenance Actions

No.	Aircraft Discrepancies	Initials	No.	Action Taken	Initials
1	F/A PRIMARY SERVO REW REPLACEMENT	DS	1	REPLACE F/A PRIMARY SERVO REF EAC CUI CHAP 29 10-CH 4400	DS
2	DUAL CHECK REQ FOR MAINT PERFORMED	DS	2	DUAL CHECK System Checked <u>PRIMARY</u> <u>SEEN</u> 1st Check <u> </u> Date <u>4 OCT 2024</u> 2nd Check <u> </u> Date <u>4 OCT 2024</u>	
3	TOPPING & BOTTOMING CHCK REQ FOR MAINT PERFORMED	DS	3	MAINT CANNOT BE COMPLETED AT THIS TIME. SEE CARRY OVER MAINT	DS

AD/SB/Inspection	Rev Date	Compliance Method	Results	ACTT	ACTT/Date Next Due	Signature & Cert Number
ALB 13-23-04 30 OCT 23	F3 + F4	GOOD	202393	202428	A. HANSEN RSTYD439F	
MB 1-5 1 SEP 20	SEC 2	GOOD	202393	DAILY	A. HANSEN RSTYD439F	
SEB 1-5 14 APR 17	SEC 2	GOOD	202393	DAILY	A. HANSEN RSTYD439F	
F-EL TANK LK 30 DEC 22	EAC 009 S-40-00	GOOD	202393	DAILY	A. HANSEN RSTYD439F	
SEA 4000 FLCHK 30 DEC 22	EAC 012 S-40-00	GOOD	202393	DAILY	A. HANSEN RSTYD439F	
ADZ 3 20 OCT 23	SEC F3	PASSED	202415	202445	A. HANSEN RSTYD439F	
MB 10 1 5 MAY 24	SEC 2	PASSED	202415	DAILY	A. HANSEN RSTYD439F	
SEB 1-5 28 JUL 00	SEC 2	PASSED	202428	202728	A. HANSEN RSTYD439F	
MB 8-1 1 SEP 20	SEC 10	PASSED	202428	DAILY	A. HANSEN RSTYD439F	

Aircraft Daily Totals / Inspection Schedule Page 1 of 1

A/C Model	A/C Number	A/C S/N	L Engine S/N	R Engine S/N	Location Name	Date
564E	NK94AC	64017	672481	676467	SEEFSSINA, GREECE	4 OCT 24
Total Time	Aircraft	Cycles	Parts Due Off <200 Hrs		Due @ A/C T.T.	
Lift Off	202393	13648	F/A PRIMARY SERVO		202500	
Today	3.5	2	No 1 FREE TURBINE		20238.7	
Shut Down	202428	13650				
The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.			Next Phase Due: 202494		Phase # 2	
			Aircraft has been pre-flighted and/or test flown and is returned to service.			
Mechanic Signature			Repair Station # JYDR439F		Pilot (Signature and Certificate No.)	
					3412543	

FAA REPAIR STATION JYDR43NF

NOMENCLATURE: E Primary Servo Assy

PART NO: **S1565-20421-041**

SERIAL NO: 345

[illegible]OVERHAUL INTERVAL: 1,700.0 hrs

RETIREMENT TIME: See page 3

E RECORD	Description of Work Performed	and SB sheets for compliance.

PROPRIETARY INFORMATION

ERICKSON AIR CRANE 1-800-866-9431

FAA REPAIR STATION JYDR439F

1. MAJOR COMPONENT NOMENCLATURE

PG 3 OF 3

Equipment id: S1565-20421-041-345

Customer Equipment Number :
 Equipment description : SERVO & CONTROL ARM ASSEMBL
 Equipment Type ID : S1565-20421-041-1
 Description :

Equipment serial number : 345
 Item number : 1565-20421-041
 Supplier :
 Owner organization code :

Physical location :
 Allocated organization code :
 Fixed asset number :
 Commission date : 1/26/2019

Owner employee :
 Maintenance policy :
 Maintenance policy version :
 Ownership type : Stock

Structure position

0
 02
 03

Equipment Type
 S1565-20421-041-345
 S1565-20443-000-345
 S1565-20449-000-345

Equipment description
 SERVO & CONTROL ARM ASSEMBL
 PISTON ASSEMBLY
 Fork Assy

UOM
 HR
 HR
 HR

TSN/TSO
 33.4
 4,356.4
 4,356.4

CSN
 0
 0
 0

DSN
 0
 0
 0

Life limit
 0.0
 8 100.0
 8 100.0

OverHaul
 Limit
 1,700.0
 0.0
 0.0

Cycle Life
 Limit
 0
 0
 0

Days Limit
 0
 0
 0

Retire
 Time
 Remain
 0.0
 3,743.6
 3,743.6

O/H Time
 Remain
 1,666.6
 0.0
 0.0

Retire
 Cycle
 Remain
 0
 0
 0

Days Remain
 0
 0
 0

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 167393-1	
4. Organization Name and Address: Erickson Air-Crane 3100 Willow Springs Road PO Box 3247 Central Point, OR 97502						5. Work Order/Contract/Invoice Number: 167393	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	E Primary Servo	S1565-20421-041	1	345	Repaired		
12. Remarks: Repair C/W Ref EAC044 Rev 3. Dated 5/31/2010. Servo Assy has a T.S.O. of 33.4 Hrs. Remove @ 1,700 0 Hrs T S O for Due Overhaul. A complete description of work performed is on file at the above referenced organization under the work order and system tracking reference number indicated in blocks 3 and 5. NOTICE: An Airworthiness Directive may apply to the article(s) described hereon. The installer is responsible for ensuring complete compliance with any applicable Airworthiness Directives.							
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 12.				14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certificate No.:	
						JYDR439F	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
				Brent Stocker		30/Apr/2019	
User/Installer Responsibilities							
<i>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</i> <i>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</i> <i>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</i>							

**ERICKSON INCORPORATED
FAA REPAIR STATION JYDR439F**

ATA: 67-10

**SERVICE BULLETINS
S-64E PRIMARY SERVO**

P/N S1565-20421-041

S/N 345

T.T. N/A

T.S.O. 33.4

W/O 167393

Notes:

1. New sheet must be completed at overhaul.
2. A previously completed SB sheet is acceptable on scheduled maintenance or repair work orders. Review and update if an SB has been accomplished since last overhaul.

SB NO.	P/N	SUBJECT	MANDATORY	NON-MANDATORY
Alert 64B29-9 Rev. IR	S1565-20421-10, -11, 041	Recurring inspection of N/A'd housing P/N S1565-2052-2 for crack in 1st stage hi-pressure port until housing is reworked and identified with HS-503. Housing is marked with HS-503, no further inspection is required.	N/A	
64B29-5 Rev. IR	S1565-20421-041	One time insp. of bolt torque, ref. Para. 2.B.(2) and piston head torque, ref. Para. 2.B.(3). Insp. for wear on piston head mating surface and for chrome plate on ends of piston rod, ref. Para. 2.B.(4). Insp. of piston rod threads for damage, ref. Para. 2.B.(5).		
Alert 64B29-8 Rev. IR	S1565-20421-041	Shim installation between piston and fork. Verify that no shim is installed before servo is returned to service, ref. Para. 2.A.(1) and (4).		
64B40-1A Rev. 1	Servo S1565-20241 Rod Assy S1565-20234-5	Inspection of Control Rod for corrosion, Para. 2.A.(1-6), 2.B.(1-4).		
64B65-6 Rev. IR	S1565-20421-10	Primary Servo Cap Replacement - changes P/N from a -010 to a -011. Verify compliance.		
64B65-8 Rev. IR	S1565-20421-11	Servo Sleeve Replacement - changes P/N from a -011 to a -041. Verify compliance.		

Definition of Acceptable Entries:

P/C/W - Indicates that the S/B was visually verified to be complied with on a previous repair or overhaul work order.

C/W - Indicates that the S/B was performed on the unit at the total time and date noted on this work order indicated on this page.

N/A - Indicates that the S/B does not apply to the unit (reason to be stated).

MECHANIC

DATE 4/26/19

INSPECTOR

DATE 4/26/19

ERICKSON AIR-CRANE FAA REPAIR STATION JYDR439F
AD COMPLIANCE RECORD
S-64E MODEL

E PRIMARY SERVO

P/N: S1565-20421-041

S/N: 345

DATE: 4/24/19 W/O 167393
T.S.O. 33.4

AD No. Rev. Date	Subject	Models Applicable	Compliance Date	Status Method of Compliance	Work Order AD Completed on	T.T. @ Compliance	Interval	Next Due
2013-20-15 12/05/13	Within 150 hrs TIS or before reaching 3375 hrs TIS, whichever occurs later, perform a FPI on housing P/N S1565-20252-2 lug for cracks, reference para f (8).	S-64E	10/10/2017	plm FPI on housing P/N S1565-20252-2			Within 150 hrs before reaching 3375 hrs TIS whichever occurs later and thereafter at intervals not to exceed 3375 hrs TIS	3375 hrs TIS

MAINTENANCE [Signature]

INSPECTOR SIGNATURE [Signature] 4/26/19

Footnotes for method of Compliance:

1. P/C/W - This entry indicates that the AD was visually verified to be complied with on a previous repair or overhaul.
2. C/W - This entry indicates that the AD was performed on this Primary Servo at the total time and date noted above on the work order indicated on top of this page.
3. N/A - This entry indicates that the AD does not apply to this Primary Servo (reason to be stated).

Erickson Incorporated

Aircraft Maintenance Logbook

Parts Removed / Installed

*Part Number	*Nomenclature	*S/N	*T.S.N.	*T.S.O.	*Off/On	*A/C.T.T.
\$1565-2041-041	E PRIMARY SEW	752	UNK	1694.6	OFF	20064.2
\$1565-2041-041	E PRIMARY SEW	345	UNK	33.4	ON	20064.2
6425-11022-301	MODIFIED HOOR ASSY	100 SAC	UNK	224 days	OFF	20064.2
6425-11022-301	MODIFIED HOOR ASSY	100 IUM	UNK	00	ON	20064.2

Maintenance Actions

*No.	*Aircraft Discrepancies	*Initials	*No.	*Action Taken	*Initials
1	SAFETY II DUE	DS	1	certify this aircraft has been inspected IAW DCO #RS-003 EAC S-64E Phase Inspection program and approved for return to service. A SAFETY II inspection was completed at AFTT 2004.2 on 27 AUG 2005 RSJYDR439F by <u> </u> .	
2	LEFT LATERAL PRIMARY SEW RIG REPLACEMENT DUE TO TIME-X	DS	2	REPLACED L/L PRIMARY SEW REF EAC COTI CHAP 99-10-04 9 400 POST MAINT CHECKS CANNOT BE COMPLETED SEE CARRY OVER MAINT.	DS
3	DUAL CHECK REQ FOR MAINT PERFORMED?	DS	3	DUAL CHECK SYSTEM CHECKED: L/L PRIMARY SEW 1st CHECK <u> </u> DATE: 27 AUG 28 2nd CHECK <u> </u> DATE: 27 AUG 25	
4	3K HOOK INTERMITTENTLY NOT RELEASING	DS	4	REPLACED 3K HOOK REF DMC COTI CHAP 93-30-02 9 400. OPS CV GOOD	DS

*AD/IB/Inspection	*Rev Date	*Compliance Method	*Results	*ACTT	*ACTT/Date Next Due	*Signature & Cert Number
AD2013-22-07	30 OCT 12	F3 & F4	PASSED	20056.1	20059.1	<u> </u> RSJYDR439F
MB 1-5	15 SEP 06	SEC 2A + 2D	PASSED	20056.1	DAILY	<u> </u> RSJYDR439F
SEW 1585-7	14 AUG 17	SEC 2B	PASSED	20056.1	DAILY	<u> </u> RSJYDR439F
FINETANK CR	30 DEC 22	EAC COTI S-40-00	PASSED	20056.1	DAILY	<u> </u> RSJYDR439F
SEW 1585-7	30 DEC 22	EAC COTI S-40-00	PASSED	20056.1	DAILY	<u> </u> RSJYDR439F
WID 10-1	5 MAY 04	SEC 2	PASSED	20056.1	DAILY	<u> </u> RSJYDR439F
AD2013-22-07	30 OCT 13	F3	PASSED	20058.1	20061.1	<u> </u> RSJYDR439F
AD2013-23-07	30 OCT 13	F3	PASSED	20060.1	20063.1	<u> </u> RSJYDR439F
AD2013-23-07	30 OCT 13	SEC F3	PASSED	20062.2	20065.2	<u> </u> RSJYDR439F
SB 64015-9	15 AUG 06	SEC 2	PASSED	20064.2	20079.2	<u> </u> RSJYDR439F
SB 64020.1	9 APR 12	SEC 2	PASSED	20064.2	20079.2	<u> </u> RSJYDR439F

Aircraft Daily Totals / Inspection Schedule

Page 1 of 2

*A/C Model	*N- Number	*A/C S/N	*L Engine S/N	*R Engine S/N	*Location Name	*Date		
S64E	NFAMC	44617	672509	638214	ELEFSIN 4	27 AUG 23		
			676170S	67250913	UNRECE			
Total Time	Aircraft	Cycles	*Parts Due Off <200 Hrs		*Due @ A/C.T.T.			
Lift Off	20056.1	13536	L/L SEW		20069.6			
Today	8.1	4	TRM		20122.0			
Shut Down	20064.2	13540	H1 COMPRESSOR		20122.0			
			YELLOW TRM		20172.8			
			*Next Phase Due: 20082.0		*Phase # 2			
			Aircraft has been pre-flighted and/or test flown and is returned to service.					
			<u> </u> 2541975 ATPCFH					
Mechanic Signature		Repair Station # JYDR439F		Pilot (Signature and Certificate No.)				

Aircraft Maintenance Logbook

Parts Removed / Installed

[illegible]

Maintenance Actions

Maintenance Actions					
"No.	"Aircraft Discrepancies	"Initials	"No.	"Action Taken	"Initials
5	30 HRS LUBE	DE	5	30 HRS LUBE 9/12 REF PAR 007 CHAP 12-21-01 FIG 301	DE
5/10	MAINT PERFORMED IN DISC 2 AND 5 BCU RETURN TO SERVICE STATEMENT	AS	6	MAINT PERFORMED IN DISC 2 + 5 IS APPROVED FOR RETURN TO SERVICE @ AFR 20064.2 REASON REF. A/C IS NOT APPROVED FOR RETURN TO SERVICE	

[illegible]

Aircraft Daily Totals / Inspection Schedule

"Page 2 of 2

Aircraft Daily Totals / Inspection Schedule						Page
"A/C Model	"N- Number	"A/C S/N	"L Engine S/N	"R Engine S/N	"Location Name	"Date
564E	N194AC	64017	672509	638214	ELFESINA GREECE	27 AUG 2023
Total Time	Aircraft	Cycles	"Parts Due Off <200 Hrs			
Lift Off	" 20056.1	" 13536	L/L SERVO 20069.6			
Today	" 8.1	" 4	TRH 20122.0			
Shut Down	" 20064.2	" 13540	No 1 COMPRESSOR 20162.0			
			YELLOW TRB		20172.0	
The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.			"Next Phase Due: 20067.0		"Phase # \$11	
			Aircraft has been pre-flighted and/or test flown and is returned to service.			
Mechanic Signature		Repair Station # JYDR439F		Pilot (Signature and Certificate No.)		

COMPONENT LOG CARD

PART NO: S1565-20421-041

SERIAL NO: **A-925**

[illegible]

OVERHAUL INTERVAL: 1,700.0 hrs

RETIREMENT TIME: See page 3

PG 1 OF 3

MAJOR COMPONENT 1: COMPLIANCE

THIS DOCUMENT IS THE PROPERTY OF ERICSSON AIR CRANE AND MAY NOT BE USED BY ANYONE OTHER THAN ERICSSON AIR CRANE EMPLOYEES. THIS DOCUMENT MAY NOT BE COPIED, PRINTED OR REPRODUCED BY ANY MEANS, INCLUDING ELECTRONIC OR PHYSICAL METHODS WITHOUT EXPRESS WRITTEN PERMISSION FROM ERICSSON AIR CRANE.

ERICSSON AIR CRANE 1-800-888-9421

ts for complianc

ts for complianc

ts for complianc

Summary

Page 1
11/09/2018
19:32:54 AM

Equipment Id: S1565-20421-041-A-925

Customer Equipment Number :
Equipment description : PRIMARY SERVO
Equipment Type ID : S1565-20421-041-1
Description :

Equipment serial number : A-925
Item number :
Supplier :
Owner organization code :

Physical location :
Allocated organization code :
Fixed asset number :
Commission date : 6/23/2018

Owner employee :
Maintenance policy :
Maintenance policy version :
Ownership type : Owner

Structure position	Equipment Type	Equipment description	UOM	TSN/TSO	CSN	DSN	Life limit	Overhaul Limit	Cycle Life Limit	Days Limit	Retire Time Remain	OH Time Remain	Retire Cycle Remain	Days Remain
0	S1565-20421-041-A-925	PRIMARY SERVO	HR	508.4	0	0	0.0	1,700.0	0	0	0.0	1,191.9	0	0
02	S1565-20443-000-EAC25237	PISTON ASSEMBLY	HR	3,886.1	0	0	6,100.0	0.0	0	0	4,201.9	0.0	0	0
03	S1565-20448-301-EAC27846	FORK ASSEMBLY	HR	3,886.1	0	0	6,100.0	0.0	0	0	4,201.9	0.0	0	0

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 161228-1	
4. Organization Name and Address: Erickson Air-Crane 3100 Willow Springs Road PO Box 3247 Central Point, OR 97502 Repair Station JYDR439F						5. Work Order/Contract/Invoice Number: 161228	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	E Primary Servo	S1565-20421-041	1	A-925	Repaired		
12. Remarks: Repair C/W Ref EAC044 Rev 3. Dated 5/31/2010. Assy has a T.S.O. of 508.4 Hrs. Remove @ 1,700.0 Hrs T.S.O. for Due Overhaul. A complete description of work performed is on file at the above referenced organization under the work order and system tracking reference number indicated in blocks 3 and 5. NOTICE: An Airworthiness Directive may apply to the article(s) described hereon. The installer is responsible for ensuring complete compliance with any applicable Airworthiness Directives.							
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 12.				14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certificate No.:	
						JYDR439F	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
				Brent Stacker		13/Nov/2018	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.							
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.							
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

FAA Form 8130-3 (02-14)

*Installer must cross-check eligibility with applicable technical data.

NSN: 0052-00-012-9005

**ERICKSON AIR-CRANE
FAA REPAIR STATION JYDR439F**

**SERVICE BULLETINS
S-64E PRIMARY SERVO**

P/N 1565-20421-041

Notes:

S/N

A-925

T.T.

N/A

T.S.O.

508.4

W/O

10/228

1. New sheet must be completed at overhaul.
2. A previously completed SB sheet is acceptable on scheduled maintenance or repair work orders. Review and update if an SB has been accomplished since last overhaul.

SB NO.	P/N	SUBJECT	MANDATORY	NON-MANDATORY
Alert 64B29-9 Rev. IR	S1565-20421-10, -11, 041	Recurring inspection of N/A'd housing P/N S1565-20252-2 for crack in 1st stage hi-pressure port until housing is reworked and identified with HS-503. Housing is marked with HS-503, no further inspection is required.	N/A plclw /r	
64B29-5 Rev. IR	S1565-20421-041	One time insp. of bolt torque, ref. Para. 2.B.(2) and piston head torque, ref. Para. 2.B.(3). Insp. for wear on piston head mating surface and for chrome plate on ends of piston rod, ref. Para. 2.B.(4). Insp. of piston rod threads for damage, ref. Para. 2.B.(5).	plclw /r	
Alert 64B29-8 Rev. IR	S1565-20421-041	Shim installation between piston and fork. Verify that no shim is installed before servo is returned to service, ref. Para. 2.A.(1) and (4).	plclw /r	
64B40-1A Rev. 1	Servo S1565-20241 Rod Assy S1565-20234-5	Inspection of Control Rod for corrosion, Para. 2.A.(1-6), 2.B.(1-4).	plclw /r	
64B65-6 Rev. IR	S1565-20421-10	Primary Servo Cap Replacement - changes P/N from a -010 to a -011. Verify compliance.	plclw /r	
64B65-8 Rev. IR	S1565-20421-11	Servo Sleeve Replacement - changes P/N from a -011 to a -041. Verify compliance.	plclw /r	

Definition of Acceptable Entries:

P/C/W - Indicates that the S/B was visually verified to be complied with on a previous repair or overhaul work order.
C/W - Indicates that the S/B was performed on the unit at the total time and date noted on this work order indicated on this page.
N/A - Indicates that the S/B does not apply to the unit (reason to be stated).

MECHANIC

DATE 11/6/18

INSPECTOR

DATE 11/07/18

**ERICKSON AIR-CRANE FAA REPAIR STATION JYDR439F
AD COMPLIANCE RECORD
S-64E MODEL**

E PRIMARY SERVO
P/N: S1565-20421-041

S/N: A-925

DATE: 11/6/15 W/O 161228
T.S.O. 508.4

AD No. Rev. Date	Subject	Models Applicable	Compliance Date	Status Method of Compliance	Work Order AD Completed on	T.T. @ Compliance	Interval	Next Due
2013-20-15 12/05/13	Within 150 hrs TIS or before reaching 3375 hrs TIS, whichever occurs later, perform a FPI on housing P/N S1565-20252-2 lug for cracks, reference para f (8)	S-64E	8/17/2017	P/C/W/P FPI on Housing p/n S1565-20252-2	147311		Within 150 hrs before reaching 3375 hrs TIS whichever occurs later and thereafter at intervals not to exceed 3375 hrs TIS.	3375 HRS TIS

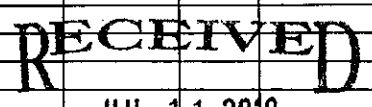
MAINTENANCE [Signature]

INSPECTOR SIGNATURE [Signature] 11/07/18

Footnotes for method of Compliance:

1. P/C/W - This entry indicates that the AD was visually verified to be complied with on a previous repair or overhaul.
2. C/W - This entry indicates that the AD was performed on this Primary Servo at the total time and date noted above on the work order indicated on top of this page.
3. N/A - This entry indicates that the AD does not apply to this Primary Servo (reason to be stated).

Parts Removed / Installed

Part Number	Nomenclature	S/N	T.S.N.	T.S.O.	Off/On	A/C T.T.
1565-20421-041	E P21 SERVO ASSY	A-1009	8237.0	1689.8	OFF	19294.9
1565-20421-041	E P21 SERVO ASSY	A-925	N/A	508.4	ON	19294.9
 JUL 11 2019 ERICKSON AIR CRANE						

Maintenance Actions

No.	Aircraft Discrepancies	Initials	No.	Action Taken	Initials
1	FIRETANK CHECK DUE	DS	1	FIRETANK CHECK 9W REF EAC 009 4 43.1	DS
2	DSM CHECK DUE	DS	2	DSM CHECK 9W REF EAC 007 0 96.7	DS
3	RETURN TO SERVICE FOR DISC 1+2	DS	3	MAINTENANCE PERFORMED IN DISC 1+2 IS APPROVED FOR RETURN TO SERVICE RSJYDR439F ART 19294.7	
4	R/L PRIMARY SERVO REQ REPLACEMENT FOR TIME OUT	DS	4	REPLACED R/L PRIMARY SERVO REF EAC 001 4 7.8.5, 7.8.7, 7.8.8 POST INSTALL CHECKS CANNOT BE COMPLETED. SEE CARRY OVER MAINT.	DS
5	DUAL CHECK FOR MAINT DISC No 4	DS	5	DUAL CHECK System Checked R/L PRIMARY INSTALL 1st Check <u>Signature</u> Date <u>10 July 19</u> 2nd Check <u>Signature</u> Date <u>10 July 19</u>	

AD/SB/Inspection	Rev Date	Compliance Method	Results	ACTT	ACTT/Date Next Due	Signature & Cert Number
MB1-5	17 AUG 04	SEC 2	PASSED	19291.7	DAILY	<u>Signature</u> RSJYDR439F
AD2013-23-07	30 OCT 13	FUNCTIONAL	PASSED	19291.7	DAILY	<u>Signature</u> RSJYDR439F
SB648 RS-1	14 AUG 17	VISUAL	PASSED	19291.7	DAILY	<u>Signature</u> RSJYDR439F
MB 10-1	5 MAY 04	SEC 2	PASSED	19293.6	DAILY	<u>Signature</u> RSJYDR439F
AD2013-23-07	30 OCT 13	SEC F3	PASSED	19293.6	19296.6	<u>Signature</u> RSJYDR439F
SB648 RS-1	9 APR 12	SEC 2	PASSED	19294.9	19309.9	<u>Signature</u> RSJYDR439F
MB 8-1	7 AUG 00	SEC 1D	PASSED	19294.9	DAILY	<u>Signature</u> RSJYDR439F

Aircraft Daily Totals / Inspection Schedule

Page 1 of 2

Aircraft Daily Totals / Inspection Schedule							Page
²² A/C Model	²³ N- Number	²⁴ A/C S/N	²⁵ L Engine S/N	²⁶ R Engine S/N	²⁷ Location Name	²⁸ Date	
SG4E	N194AC	64017	672456	638214	ELERSINA, GREECE	10 July 2019	
Total Time	Aircraft	Cycles	³¹ Parts Due Off <200 Hrs		³² Due @ A/C T.T.		
Lift Off	²⁹ 19291.7	³⁰ 13042	R/L SERVO		19305.1		
Today	³³ 3.2	³⁴ 2	A/F FUEL FILTER INSPECT		19315.0		
Shut Down	³⁵ 19294.9	³⁶ 13044	A/FCS SERVO		19343.5		
			MGB		19363.6		
The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.			³⁷ Next Phase Due: 19298.6		³⁸ Phase # 512		
			Aircraft has been pre-flighted and/or test flown and is returned to service.				
Mechanic Signature			Repair Station # JYDR439F		Pilot (Signature and Certificate No.)  3114822		

Parts Removed / Installed

¹ Part Number	² Nomenclature	³ S/N	⁴ T.S.N.	⁵ T.S.O.	⁶ Off/On	⁷ A/C T.T.

RECEIVED

JUL 11 2019

ERICKSON AIR CRANE

Maintenance Actions

¹ No.	² Aircraft Discrepancies	³ Initials	⁴ No.	⁵ Action Taken	⁶ Initials
6	SAFETY II	DS	6	I certify this aircraft has been inspected VAW DOC #RS-001 EAC S64E phase inspection program and approved for return to service. A SAFETY II inspection was completed at AFTT 19294.9 on 10 July 2019 RS JYDR439F by <u>DS</u>	
7	R/L PRIMARY SERVO PIN WREN AND STEPPED	DS	7	REPLACED SERVO PIN R/L EAC DOT PAK 7.8.5 & 7.8.7	ST
8	DUAL CHECK FOR MAINT DISC No. 7	ST	8	DUAL CHECK System Checked R/L PRIMARY SERVO PIN REPLACEMENT 1st Check <u>DS</u> Date 10 July 19 2nd Check <u>ST</u> Date 10 July 19	

¹⁴ AD/SB/Inspection	¹⁵ Rev Date	¹⁶ Compliance Method	¹⁷ Results	¹⁸ ACTT	¹⁹ ACTT/Date Next Due	²⁰ Signature & Cert Number

Aircraft Daily Totals / Inspection Schedule

Page 2 of 2

²¹ A/C Model	²² N- Number	²³ A/C S/N	²⁴ L Engine S/N	²⁵ R Engine S/N	²⁶ Location Name	²⁷ Date
S64E	N1944C	64017	672456	638214	ELEFSINA, GREECE	10 July 2019
Total Time	Aircraft	Cycles	²⁸ Parts Due Off <200 Hrs		²⁹ Due @ A/C T.T.	
Lift Off	²⁸ 19291.7	²⁸ 13042	R/L SERVO		19305.1	
Today	²⁸ 3.2	²⁸ 2	A/E FUEL FILTER INSPECTION		19315.0	
Shut Down	19294.9	13044	AFC5 SERVO		19343.5	
			MGB		19363.6	
The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.			³⁰ Next Phase Due: 19298.6		³⁰ Phase # 5K	
			Aircraft has been pre-flighted and/or test flown and is returned to service.			
Mechanic Signature			Repair Station # JYDR439F		Pilot (Signature and Certificate No.)	