

Section 2A: Record of Engine & Propeller Installation

DATE / /	ENGINE OR PROPELLER MAKE & MODEL	SERIAL #	POSITION	DATE INSTALLED	DATE REMOVED	
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**Diamond**
AIRCRAFT
DIAMOND AIRCRAFT INDUSTRIES INC.
D.O.T. APPROVED MANUFACTURER #161-93

Registration: N456SA
AC Serial Number: 62.C066
LH Engine Serial Number: E4P-C-06317
RH Engine Serial Number: E4P-C-06299
LH Prop Serial Number: 231292
RH Prop Serial Number: 231291
Airframe Total Time: 5.8 HRS

- LH Austro Engines GmbH E4P-C Engine, S/N: E4P-C-06317 installed 'new'.
- RH Austro Engines GmbH E4P-C Engine, S/N: E4P-C-06299 installed 'new'.
- LH MT-Propeller Entwicklung GmbH MTV-6-R-C-F/CF194-80 Propeller, S/N: 231292 installed 'new'.
- RH MT-Propeller Entwicklung GmbH MTV-6-R-C-F/CF194-80 Propeller, S/N: 231291 installed 'new'.


Inspector

DEC 18 2023

date

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MODIFICATION STATUS
Mandatory Change Notes - MAM



AC S/N: 62.C066

Date Printed: 11/7/2023

AM Number	Release Note Title	Incorporated
MAM62-007	DA62	✓
MAM62-001/a	New TC DA 62	✓
MAM62-001	2300kg MTOM	✓
MAM62-002	Improved Instrument Panel	✓
MAM62-003	Rear Baggage Compartment	✓
MAM62-004	Interior Definition	✓
MAM62-005	Large Ties for MLG for 1998kg MLM	✓
MAM62-006	2300kg Max Landing Mass	✓
MAM62-007	Colors other than white	✓
MAM62-008	Nose Baggage Compartment	✓
MAM62-009	Improvement Electric/Avionic Drawings	✓
MAM62-010	Kinematic Improvement Doors	✓
MAM62-011	Structural Improvement Doors	✓
MAM62-012	Drawing Recording	✓
MAM62-014	Structural Parts I	✓
MAM62-015	Control system Drawing Recording	✓
MAM62-016	reinforced VT Spar Bell Crank	✓
MAM62-017	Improvement Seats	✓
MAM62-018	Kinematic Improvement Doors II	✓
MAM62-019	Clearance Improvement AP-System	✓
MAM62-020	Drawing Recording	✓
MAM62-021	Drawing Recording III	✓
MAM62-022/a	New Limits Balancing Mass Alleron	✓
MAM62-023/a	Improved Flap Bell Crank	✓
MAM62-025/a	Improved Alleron Bellcrank Guard	✓
MAM62-026/b	Improved Avionic Box	✓
MAM62-027	Clearance and Manufacturing Improvement NLO area	✓
MAM62-029	Drawing Recording Safety Walk	✓
MAM62-030	Improved FX Control Stick	✓
MAM62-032	Lighting Protection Production Simplification	✓
MAM62-033	Direct Vision Panel Copilot Door	✓
MAM62-035	NLO Drawing Improvement	✓
MAM62-036	Fuel Selector Gearbox Housing Improvement	✓
MAM62-037	Hydraulic Line Shielding I	✓
MAM62-038	LP Corrosion Protection	✓
MAM62-039	New Mounting for Fire Extinguisher and Egress Hammer	✓
MAM62-040	Nacelle Cover NACA vents	✓

MODIFICATION STATUS
Mandatory Change Notes - MAM



AC S/N: 62.C066

Date Printed: 11/7/2023

AM Number	Release Note Title	Incorporated
MAM62-041	Enlarged Nose Landing Gear Doors	✓
MAM62-043	Placard Door Handle	✓
MAM62-044	Rear NACA Removal	✓
MAM62-045	Placards Center Console	✓
MAM62-046	Attachment of Terminal Block on MLG Bleedhead	✓
MAM62-047	Wing Spar Gap Production Optimization	✓
MAM62-048	HS Lightning Protection Simplification	✓
MAM62-049	Fuel Filter Drain Seal	✓
MAM62-050	NLO Drawing Improvement II	✓
MAM62-051	Improved ECU Bracket	✓
MAM62-052/a	Improved Upper Nacelle Shielding	✓
MAM62-053	Placards Design Improvement	✓
MAM62-054/a	Attachment points Gust Lock	✓
MAM62-055	Coolant water tank with threaded cap and larger outlet	✓
MAM62-056	Larger hole for TKS line in Nacelle Frame	✓
MAM62-057/a	Bonding of geometrically changed Windows with PR 1440 B2	✓
MAM62-058	Horizontal Stabilizer Trim & Fit Improvement	✓
MAM62-059	Improved Cabin Sealing	✓
MAM62-060	Ring Frame 1 RACC mounting Surface	✓
MAM62-061	Fuselage rebales for optional equipment	✓
MAM62-062	Inspection holes for nose cone	✓
MAM62-063	Maximum Zero Fuel Mass 2200kg	✓
MAM62-064	Notes for accompanying samples	✓
MAM62-065	Drawing Recording IV	✓
MAM62-066	Improvement electric/Avionic Drawings II	✓
MAM62-067	Recess for Nacelle Air Outlet Sheet	✓
MAM62-068/a	Attachment of Operational Equipment	✓
MAM62-069	thinner Placards	✓
MAM62-070	Production Improvement Ventral Fin	✓
MAM62-071/a	Production Improvement center wing foams	✓
MAM62-072/a	Upper Rudder hinge move up 10mm	✓
MAM62-073	Production Improvement I	✓
MAM62-074	Improvement Seats II	✓
MAM62-076	Drawing Recording V	✓
MAM62-077	MLG Drag Brace Rib Reinforcement	✓
MAM62-078	Wing Tip connection with more bolts	✓
MAM62-079	NLO Box Improvement	✓

MODIFICATION STATUS
Optional Change Notes - OAM



AM Number	Release Note Title	AC SN: 62.C066 Date Printed: 11/17/2023	Incorporated
OAM62-001/d	Aux Fuel Tank Installation		✓
OAM62-002	TKS System Installation (non FIKI)		✓
OAM62-003/b	(FIKI) Flight Into Terrain Icing		✓
OAM62-004/g	Oxygen System		✓
OAM62-005/f	RACC 2 Installation		✓
OAM62-006/g	Additional Alternator		✓
OAM62-007/a	Becker ADF 3500 Installation		✓
OAM62-008	DME Installation		✓
OAM62-009/a	Garmin GWS 70 Installation		✓
OAM62-011/h	Avidyne TAS 600 Series Installation		✓
OAM62-012	Garmin Chart View		✓
OAM62-013/a	Garmin Synthetic Vision		✓
OAM62-014	Garmin Electronic Stability and Protection (ESP)		✓
OAM62-015	Garmin GSR 56 Installation		✓
OAM62-017/a	USB Charging Ports		✓
OAM62-018/b	MTOAM Reduction to 1999kg		✓
OAM62-019/h	7-Seat Configuration		✓
OAM62-020	Midline Amrest		✓
OAM62-021/b	Wx-500 Stormscope Installation		✓
OAM62-022/b	Sun Visors		✓
OAM62-023	Provision for hot weather operation for DA 62		✓
OAM62-025/c	Removable RH Control Stick		✓
OAM62-026/c	Additional 6-pin Headset Connectors		✓
OAM62-027/a	USB Charging Port for PAX1 Row		✓
OAM62-028	Lightweight Oxygen Bottle		✓
OAM62-029/b	Larger Headrest		✓
OAM62-030/a	Removal of Propeller Unweathening System		✓
OAM62-031	Installation of Amrest with integrated Key-Pad		✓
OAM62-032	Seat Cover with integrated wedge		✓
OAM62-033	Tablet Mount on A-Column		✓
OAM62-034	Provisions for 7-Seated Configuration		✓
OAM62-035/a	Debris Fuselage Ice Protection Pads		✓
OAM62-036	Seat Extension with integrated wedge		✓
OAM62-037/b	Electrically heated static port		✓
OAM62-038	On Top Exhaust		✓
OAM62-040/a	Center Fuselage Multipurpose Hole		✓
OAM62-041	Reinforcements as Provisions for Antenna		✓

MODIFICATION STATUS
Optional Change Notes - OAM



AM Number	Release Note Title	AC SN: 62.C066 Date Printed: 11/17/2023	Incorporated
OAM62-042	Mission Com/Audio/Video Provisions		✓
OAM62-044	Bathing Mounting Provisions		✓
OAM62-047	MPP Interior		✓
OAM62-048/b	Additional Alternator for RH Engine		✓
OAM62-049	Seatbelt Extension		✓
OAM62-052/a	AUX Window on Passenger Door		✓
OAM62-060/d	Larger Fuel Cooler		✓
OAM62-063	Engine Master Guard		✓
OAM62-064	Provision for Customized Sunshades		✓
OAM62-066	Installation of Belt Stop - 02.049		✓
OAM62-067	Retrofit of TAS and WX500		✓
OAM62-1000/b	Overhead lights installation, 7- Seater Option		✓
OAM62-1001	GDL 60A Installation		✓
OAM62-1002/a	28V Power Outlet Option		✓
OAM62-1003/b	Provision for ferry tank (blended fuel line from AUX-TANK to Ferry tank)		✓
OAM62-1004/a	GTX 345R Installation		✓
OAM62-1005	Removal and Installation of Center Wing		✓
OAM62-1006	Partial Implementation of MAM_62-273		✓
OAM62-1010/b	Improved Lighting Protection Installation		✓
OAM62-1013/b	5-Seater Sport Interior		✓
OAM62-1014	Hot weather Cowling with Additional Alternator		✓
OAM62-1015/b	7-Seater Sport Interior		✓
OAM62-1016	Garmin GWS 75 Weather Radar		✓
OAM62-1018	Flight Stream 510 Feature		✓
OAM62-1019/a	Avidyne TAS6000 Series Installation on the DA 62		✓
OAM62-1027/e	Elevator Mass Balance with Improved Clearance		✓
OAM62-1029	Garmin GWS 7075/8000 Weather Radar Provisions		✓
OAM62-1030/a	Additional Exterior Paint Colour-1955C Pantone Bordeaux		✓

MODIFICATION STATUS
Change Notes - NAM



A/C SIN: 62.C066

Date Printed: 11/7/2023

AM Number	Release Note Title	Applicable
NAM62-001	Operation in Austria	
NAM62-002	Operation in Germany	
NAM62-004/b	Operation in UK	
NAM62-005	Operation in France	
NAM62-007/c	Operation in USA	✓
NAM62-009	Operation in Canada	
NAM62-012/a	Operation in Australia	
NAM62-018	Operation in New Zealand	
NAM62-021	Operation in Thailand	
NAM62-022	Operation in China	
NAM62-023/g	Operation in Brazil	
NAM62-024/b	Operation in India	
NAM62-025/c	Operation in Mexico	
NAM62-033/a	Operation in Qatar	
NAM62-036/a	Operation in Israel	
NAM62-050/b	Operation in the Republic of Turkey	
NAM62-051	Operation in Ethiopia	
NAM62-059	Operation in Saudi Arabia	
NAM62-068/c	Operation in the European Union including Iceland, Norway and Switzerland	
NAM62-071	Operation in Pakistan	
NAM62-072/a	Operation in Guernsey	
NAM62-073/a	Operation in Canada	
NAM62-075	Operation in Isle of Man	
NAM62-077	Operations in Nepal	
NAM62-079	Operation in San Marino	
NAM62-080	Operation in Paraguay	
NAM62-083	Operation in Lao	

MODIFICATION STATUS
Supplemental Type Certificates - STC



A/C S/N: **62.C066**

Date Printed 11/7/2023

AM Number	Release Note Title	Applicable?
STC SE03232CH STC 10054417	Taris Engine Pre Heater System	
STC SA000181B STC 10075937	Beringer Wheels & Brakes	✓

DA 62
S/N: 62.C066

Airframe Airworthiness Directive Summary



AD Number	Effective Date / Revision	Description / Subject	Date / Time of Compliance	Method of Compliance / Applicability	Authorized Signature & Stamp	Next Due Date & Time	
(TCCA) CF- 2021-24	4 August 2021	Cabin Equipment/Furnishing – Defective Baggage Nets	N/A	N/A by Serial Number		N/A	
(TCCA) CF-2018-13	11 May 2018	Equipment / Furnishing – Passenger Seats – Unsecured Passenger Safety Lap Belts	N/A	N/A by Serial Number		N/A	
(FAA) 2023-22-18	19 Jan 2024	Cargo Compartments	N/A	N/A by Serial Number		N/A	

Date: December 18, 2023
 Verified through Bi-Weekly Period: 2023-26

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Format Flag:Short |25 |0
Protocol Flag:.....User|26 |1
Country code:.....366 UNITED STATES|27-36|010101101110
Protocol Code:.....User Aviation|37-39|001
Aircraft Registration Marking: N456SA|40-81|1001001001100001010...
ELT Number:.....0|82-83|00
Aux. Radio Device:.....121.5 MHz|84-85|01
Emergency Code Flag:.....National Use|107 |0
Activation code:.....Automatic|108 |1

Full Message:

FF FE 2F 56 E3 24 C5 02 AE 9C 09 37 00 D0

15 Hex ID:

ADC6498A055D381

15 Hex ID Checksum:DD958

Identification protocol:T/N

Identification number: N456SA

Carrier type:Aircraft

Registration:N456SA

Carrier's name:Steel Aviation

Description:

Model:ELT KANNAD 406

Version:AF

Cospas Sarsat Number (CSN):471832

CSN number date :09/02/2023

Last programming date:16/11/2023

AC. REG.: N4569A

AC. SERIAL #: 62. CO 66

Hex: A589F7

BINARY: 10100101100010011110111

DATE: Nov/16/2023


112
AV