CARSON • DAS
HELICOPTERS (M)Sdn Bhd

CARSON DAS

HELICOPTERS (M) SDN BHD



(603) 6211 9777

inquiry@cdhmsb.com

http://www.cdhmsb.com

COMPANY ADDRESS: UNIT L-05-12, BLOCK L, LEVEL 5, SOLARIS MONT KIARA,50480 KUALA LUMPUR

Index



Incorporated Collaboration (SPV) ..... Page 3

CARSON Helicopters (CHI)

- **About Carson Helicopters**
  - Company History ..... Page 5
  - Brief Company Achievements..... Page 6
  - Significant Achievement..... Page 7
  - Executive Management Team..... Page 8
  - Facilities & Workforce..... Page 9 - 11



CARSON DAS Helicopters (M) Sdn Bhd (CDHMSB)

- **Organization Information**
  - Corporate Team..... Page 13
  - Initial Core Team..... Page 14
  - Organization Matrix..... Page 15
- **Corporate Officers**
  - Dato' Sri Mohd Amim A. Wahab ..... Page 16
  - Clayton Carson..... Page 17
  - Jordan Carson..... Page 18
- **About Us**
  - Company Background..... Page 19
  - Strategies..... Page 20
  - Vision & Mission..... Page 21
  - Corporate Information..... Page 22
- **Our Services**
  - Type of Services..... Page 23
- **Establishment Certifications**
  - MOF & Certificates..... Page 24
  - SIKORSKY Support Acknowledgement..... Page 25-26
  - CDHMSB Access CHI Certifications..... Page 27-28
- **Reference (Images)**..... Page 29-42
- **END**

INCORPORATED COLLABORATION

CDHMSB and CHI have arranged a Memorandum of Understanding in creating a foundation and structure that will:

- Promote the development of an S-61 maintenance and repair industry in Malaysia by the transfer of technology and technical expertise from CHI to DA in the form of Co-Operation with the approval of the United States Government.

- CHI will assist in the development of Malaysian capabilities for the repair and maintenance of helicopters by a joint venture between relevant parties with the purpose of servicing the helicopter fleet of the country of Malaysia. This can be achieved by the Exchange of mechanics, engineers, and pilots between the parties; and by the employment of Malaysian citizens in the aero industry.

- Thus, the Incorporation and the SPV setup is focussed on the intended goals



CARSON HELICOPTERS

CARSON•DAS HELICOPTERS (M)Sdn Bhd

ABOUT CARSON HELICOPTERS



http://www.cdhmsb.com

About Carson Helicopters

Company History

Franklin Carson is a pioneer in rotary-wing flight and started Carson Helicopters, Inc. on a twenty-five-acre farm in Perkasie, Pennsylvania, in 1958.

Carson's experienced work staff and in-house capabilities have made it a leader in manufacturing S61 Helicopters. Our services portfolio includes support for T58 engines, dynamic components, structures and avionics. Regarding S61s, no one has more experience than Carson Helicopters.

Carson holds over 40 STCs for improvements and modifications to rotary-wing aircraft—33 are for the Sikorsky S61 Helicopter. In 2003, The Carson Composite Main Rotor Blade was certified by the FAA, permitting the S61 to carry an additional 1,700 lbs., fly 15 knots per hour faster and travel 50 miles farther on the same horsepower. Since certification, over 1,000 main rotor blades have been manufactured and used worldwide by governments, commercial operators and Marine One, the helicopter used by the President of the United States.

Carson combines its extensive experience operating and overhauling helicopters with its research and development program to rebuild and modernize the S61 and other legacy aircraft.

Founded in 1958



Carson Helicopters' (CHI) 86 acre facility includes a 75,000 sq. ft Hangar, a 60,000 sq. ft Warehouse, an office building, paint shop, fuel farm and heliport.

About Carson Helicopters

Brief Company Achievements

- Started as a helicopter operator with operations in fire fighting, logging and construction
- First composite main rotor blade Certification in 2003
- 40+ Certified improvements for rotary wing aircraft
- Rebuilt and/or upgraded aircraft for operators such as
  - **Marine One**
  - **UK Royal Navy**
  - **US Department of State**
- Various commercial operators in countries around the world
- Certifications include:
  - **AS9100D**
  - **Sikorsky Flight Safety Parts Supplier**
  - **Federal Aviation Administration (FAA) Manufacturing Approval**
  - **FAA Repair Station Approval**

Sikorsky SH-3 Sea King



The Sikorsky SH-3 Sea King (company designation S-61) is an American twin-engined anti-submarine warfare (ASW) helicopter designed and built by Sikorsky Aircraft. A landmark design, it was the world's first amphibious helicopter and one of the first ASW rotorcraft to use turboshaft engines.

Significant Achievement

Marine One

Since FAA certification in 2003, over 1,000 Carson Main Rotor Blades have been manufactured and are being used worldwide by governments, commercial operators and Marine One, the helicopter used by the President of the United States.

Our blades result in a 1,700 lb thrust increase in hover, 17 kt. speed increase at 68% torque and a 40% increase of rate of climb at altitude. Carson Helicopters' composite main rotor blades are unmatched in their impact on helicopter performance. Best of all, they are a bolt on modification requiring no additional aircraft modifications.





Executive Management Team



Frank Carson
President



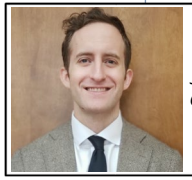
Tammy Henderson
Chief Financial Officer



Clayton Carson
Vice President



Rod Manogue
Director of Maintenance



Jordan Carson
General Counsel



Terril Ziegler Carson
Vice President
Business Operations



Thaddeus Sheard
Engineering Manager



Brian Geyer
Chief Inspector

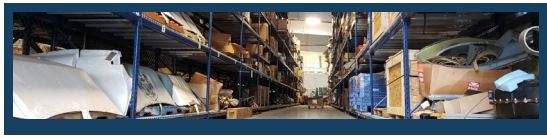
About Carson Helicopters

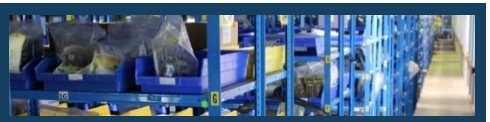
Facilities and Workforce



Maintenance and Refurbishment Workforce

- Workforce consisting of over 80 mechanics/ technicians, engineers, and support staff
- 40 S-61 mechanics
- AS9100D Certified
- FAA Part 145 Repair Station for S-61 and UH-60 Blackhawk
  Fully certified to conduct maintenance on S-61 airframe and all dynamic components.





Working Capital over $100,000,000



Including:

- **40,000 individual spare parts in inventory**
- **Fifteen airworthy Sikorsky S-61 Helicopters**
- **81 acre campus with state-of-the-art facilities**

Facilities and Workforce



Repair Station

- CHI is a FAA Part 145 Repair Station capable of complete S61 airframe and dynamic component overhaul
- Certified for comprehensive overhaul and repair of all components, gearboxes, rotor heads and engines.

Spare Parts Inventory

- Overall value of spare parts on hand worth over $50,000,000
- Three separate supply rooms dedicated to S-61 parts
- Over 40,000 individual parts on hand



Airframe Overhaul Services





- Carson's Airframe Overhaul Services Include:
- 9,000-hour airframe inspections
- Repair of all fiberglass and cowlings
- Plastic media blasting and aircraft painting capabilities
- Major structural repairs, modifications and overhauls.

Engineering Department

•Full engineering department
•Over 40 STCs issued by the FAA
•EASA/ANAC/TCCA Certifications issued for Carson upgrades
•ISO certified in 2011
•FAA PMA in 2013
•AS9100 certified in 2017



Facilities and Workforce



Manufacturing

- Full in-house composite main and tail rotor blade design and manufacturing capabilities
- Team of composite technicians experienced in repair and overhaul of rotor blades.



Engine Shop



Avionics Shop

Flight Ready Aircraft

- Ten S-61Ts
- Fully upgraded, currently airworthy
- Four S-61Ns
- Commercial variation models of S-61
- Shortened for greater carrying capacity
- One SH-3H
- Upgradeable to S-61T
- Two UH-60/EH-60 Blackhawks
- Utility configuration



CARSON•DAS
HELICOPTERS (M)Sdn Bhd

Company Profile

CARSON DAS HELICOPTERS (M) SDN BHD

Corporate Team



Dato' Sri Mohd Amim

CEO



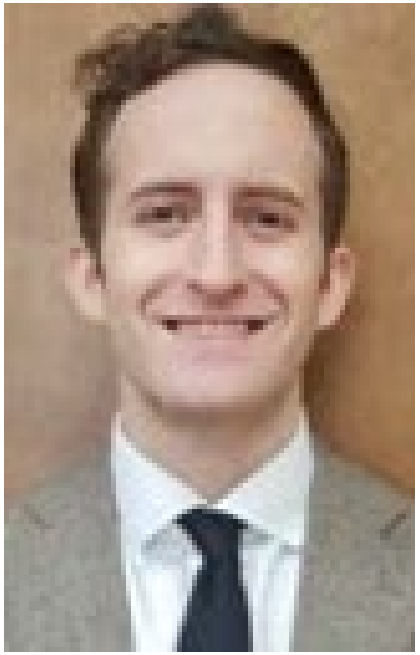
Tan Sri Zulkiple

Executive Chairman



Clayton Carson

Executive Director



Jordan Carson

Executive Director

Initial Core Team



Lt Col Raja Mohar (Retired RMAF)

Head of Technical and Operation



Major Khairul Anuar (Retired RMAF)

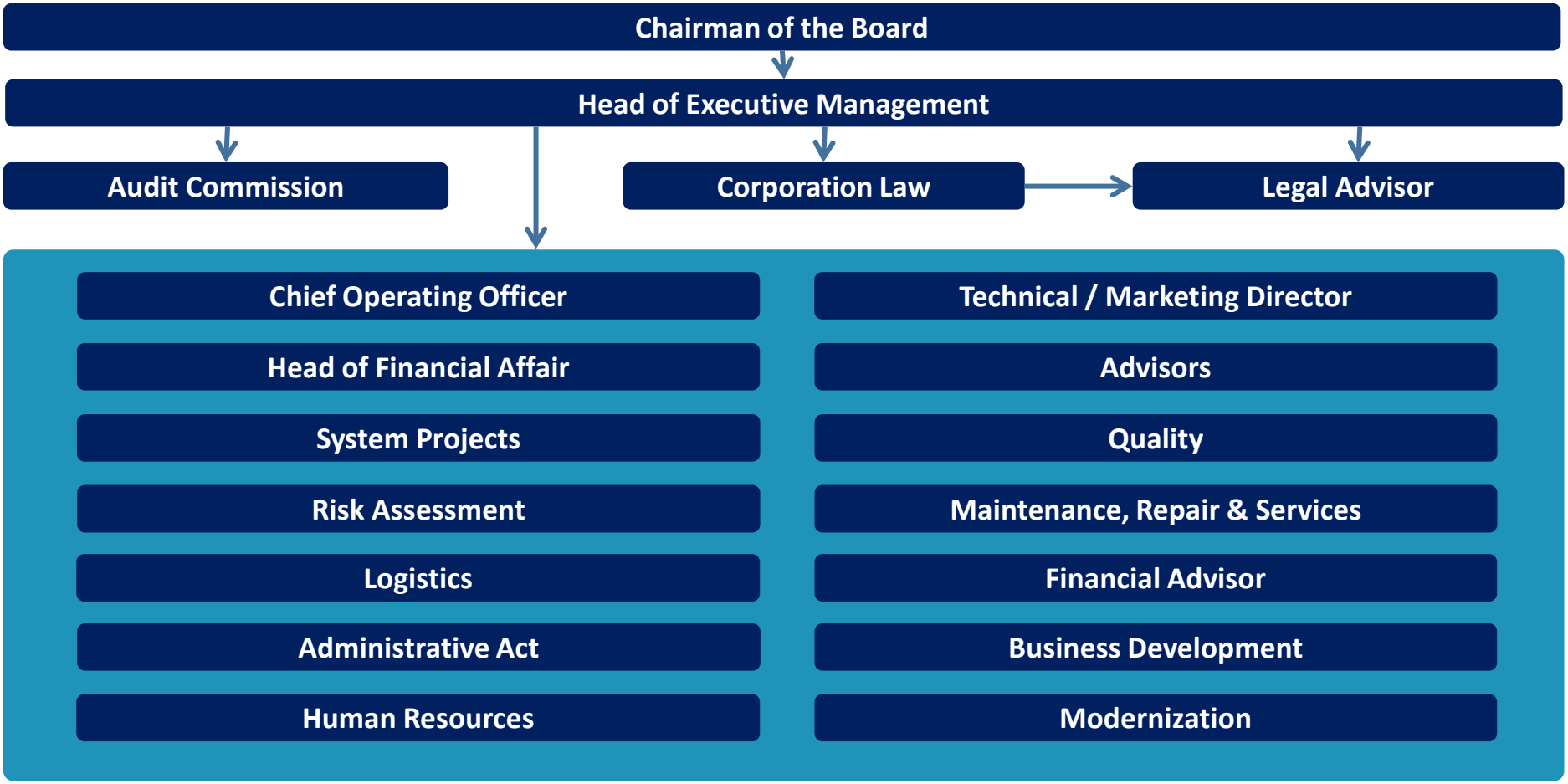
Head of Marketing and Procurement



Nur Atiqah Marzuki

Human Resources

Organization Matrix



Corporate Officers

Dato' Sri Mohd Amim A. Wahab

Chairman



Years of Experience
32 years

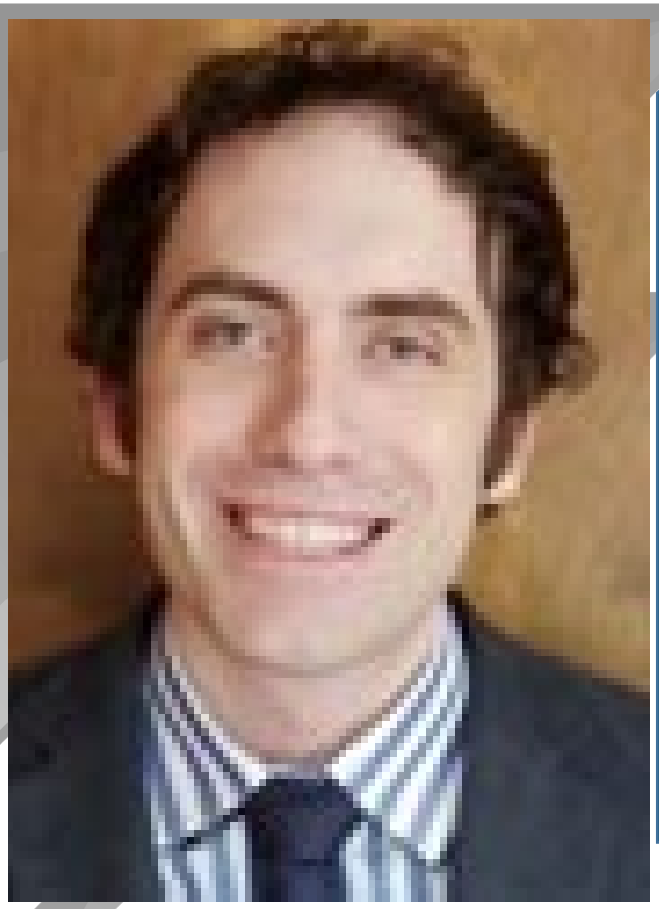
Coming from the corporate world, Dato' Sri Amim brings along his invaluable nation building experiences in multiple sectors including Oil & Gas and Renewal Energy. A seasoned corporate figure, Dato' Sri Amim is also well known in the construction and development industry. He was a Director in Namfatt Corporations Bhd (Plc), Share Holder & Executive Director for Sumantec Resources Bhd (Plc) and later on served as a Board Member of the Forest Research Institute Malaysia (FRIM) and later played a key role in the establishment of FRIM Incorporated Sdn Bhd. His deep enthusiasm in the aviation industry, specifically helicopter, has led to his involvement in various helicopter aid services notably during the massive flood disaster that hit the East Coast of Peninsula Malaysia in 2014. He is also deeply interested in the aerospace aircraft field and has attended various aerospace events around the world and assisted in providing services related to this field.

"Dynamic Selection"

Corporate Officers

Clayton Carson

Executive Director



Years of Experience
7 years

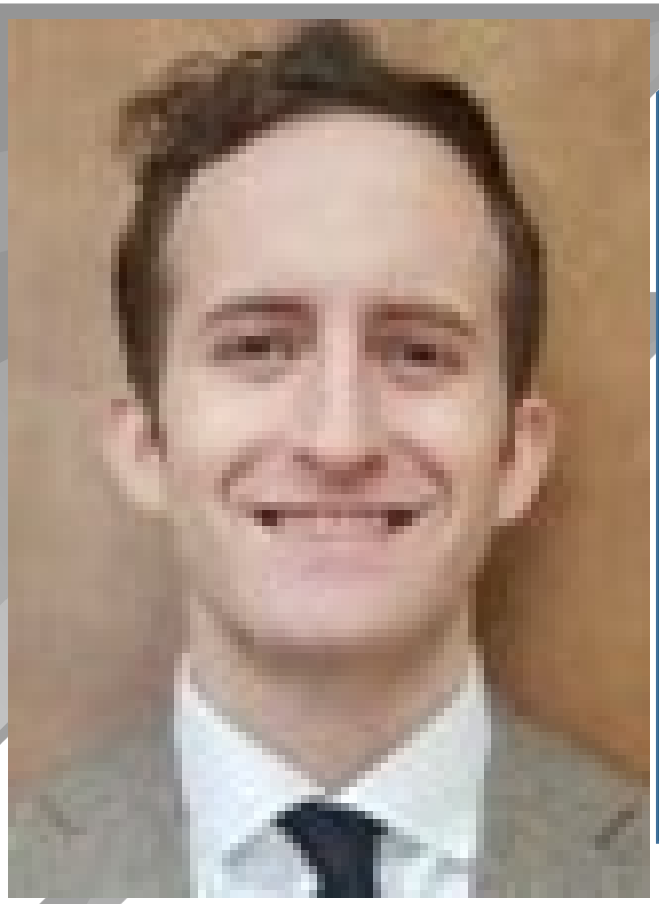
Started studying in Vanderbilt University in Mechanical Engineering. Continued with a Master's Degree in Computational and Mathematical Engineering at Stanford University. After completion of studies in engineering, Clayton Carson pursued his career in Engineering & Sales with Carson Helicopters Incorporation for 3 years and currently promoted as Vice President in Carson Helicopters Incorporation totaling up to 4 years of experience in this helicopter industry. Clayton Carson is currently in collaboration with Carson Dynamic Advance Services Helicopters (M) Sdn Bhd.

"Dynamic Selection"

Corporate Officers

Jordan Carson

Executive Director



Years of Experience
3 years

Started studying in Vanderbilt University in Engineering Science. Continued his studies in University of Virginia in Juris Doctor (J.D.), Law Degree in 2013 - 2016. Associated with Reed Smith LLP - Washington DC, McKool Smith - Austin Texas and in February 2019 began working with Carson Helicopters Inc in position as a General Counsel leading as a legal officer, incharge with intellectual property, employment, contract and regulatory legal issues. Jordan Carson is currently in collaboration with Carson Dynamic Advance Services Helicopters (M) Sdn Bhd.

"Dynamic Selection"

Company Background

Dynamic Advance Services Sdn Bhd (DASSB). was incorporated on the 5th of June 2008 and officially changed its name to Dynamic Advance Services on the 19th of December 2018.

Carson-Das Helicopters (M) Sdn Bhd (CDHMSB) was incorporated on the 25th of September 2019 as a Special Purpose Vehicle (SPV) company to undertake the tasks and functions of its parent company DASSB.

CDHMSB is established to undertake all tasks and business ventures related to helicopter sales and services. Its incorporation with Carson Helicopters Industries Inc (CHI) USA strengthened its business setup to perform sales, services, maintenance, repair, overhaul, and all related capabilities of chi.

CDHMSB will set up in-country capabilities on the MRO of the SH-3H (S-61T) helicopters for the intent of the region's users of the platforms

Carson DAS Helicopters (M) Sdn Bhd



"Dynamic Selection"

Strategies

Carson DAS Helicopters (M) Sdn Bhd is responding to the Government's call of moving towards a fully developed nation by 2020. CARSON DAS sees this as an opportunity to provide healthy business competition and capture every business opportunity. Our main focus is to engage, develop and provide products and services that are acceptable worldwide in terms of quality, sustainability and durability.

Our business strategies have evolved following the helicopter aviation market scenario which are specified and fine-tuned with the purpose to support and advise airlines MRO's in adapting solutions of cost reduction, human induced errors which will result in increased efficiency, automation and sustainability.



Carson DAS Helicopters (M) Sdn Bhd





"Dynamic Selection"

VISION

Our long-term goal is to be the leader in helicopter aviation industry

MISSION

To provide affordable, meaningful and safest solutions in support of helicopters operations in the region





Corporate Information

Company Address	:	CARSON DAS HELICOPTERS (M) SDN. BHD. (1343757-H) 18-2, JALAN SOLARIS 4 SOLARIS MONT KIARA W.P. KUALA LUMPUR 50480 KUALA LUMPUR WILAYAH PERSEKUTUAN KUALA LUMPUR, MALAYSIA
Area of Operation	:	Malaysia
Registration	:	Suruhanjaya Syarikat Malaysia SSM; Reg No: 1343757-H
Ministry of Finance	:	Cert No: K10130875482444156 Reg Ref No: 357-0002317825 Validity: 28/01/2020 - 27/01/2023

Technical Partners & Affiliates:

Executive Chairman

Tan Sri Zulkiple

Board of Directors

Dato' Sri Amim
Clayton Carson

Legal Advisor

Lt Gen Dato Sri Wan Mazlan Jaafar
TUDM (B)

Bank

Ambank (M) Berhad Mont Kiara
Maybank Islamic Mont Kiara

"Dynamic Selection"

OUR SERVICES



Services



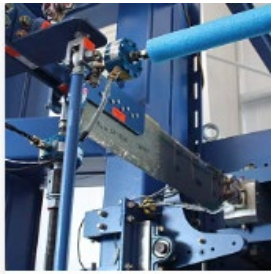
Airframes



Avionics



Painting



Engineering & STCs

AIRFRAME OVERHAUL SERVICES



SPARE PARTS INVENTORY



Affiliated with CHI for their FAA Part 145 Repair Station which capable of complete S61 airframe and dynamic component overhaul which is certified to completely overhaul and repair of all components, gearboxes, rotor heads and engines.



MOF AND OTHER CERTIFICATIONS



SURUHANJAYA SYARIKAT MALAYSIA
COMPANIES COMMISSION OF MALAYSIA
(Agensi di bawah KPDNHEP)

CERTIFIED TRUE COPY
Company Secretary
AINURUL FALLAH BT. MOHAMED SHARIF
(LS 0009917)

COMPANIES ACT 2016
(ACT 777)

CERTIFICATE OF INCORPORATION ON CHANGE OF NAME OF COMPANY

This is to certify that

CARSON DAS HELICOPTER (M) SDN. BHD.
201901034427 (1343757-H)

which was, on the 25th day of September 2019, incorporated under the Companies Act 2016, as a private company, on the 27th day of November 2019 changed its name to

CARSON DAS HELICOPTERS (M) SDN. BHD.

and that the company is a private company, and is a company limited by shares.

Dated at **KUALA LUMPUR** this 27th day of November 2019.

DR. AZMAN BIN HUSSIN
REGISTRAR OF COMPANIES
MALAYSIA

MYDATA
User Id: averroes Date: Tue Dec 03 11:40:01 2019 Printing Date: 03/12/2019
This certificate is generated form MYDATA SSM Services as at 03/12/2019 11:40:01 1 / 1
MENARA SSM@SENTRAL, NO.7, JALAN STESEN SENTRAL 5, KUALA LUMPUR SENTRAL, 50470 KUALA LUMPUR.
TEL : 03-2299 400 FAX : 03-2299 4411



KEMENTERIAN KEWANGAN MALAYSIA
SIJIL AKUAN PENDAFTARAN SYARIKAT

NO. SIJIL : K10130875482444156
NO. RUJUKAN PENDAFTARAN : 357-0002317825
TEMPOH SAH LAKU : 28/01/2020 - 27/01/2023

Bahawa dengan ini diperakui syarikat :

CARSON DAS HELICOPTERS (M) SDN. BHD. (1343757-H)
18-2, JALAN SOLARIS 4
SOLARIS MONT KIARA
W.P. KUALA LUMPUR
50480 KUALA LUMPUR
WILAYAH PERSEKUTUAN KUALA LUMPUR, MALAYSIA

Telah berdaftar dengan Kementerian Kewangan Malaysia dalam bidang bekalan/perkhidmatan di bawah sektor, bidang dan sub-bidang seperti di Lampiran A. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Lampiran B. Individu yang diberi kuasa oleh syarikat bagi urusan perolehan Kerajaan adalah seperti berikut :

DATIN SUHING @ HASIAH BINTI BUJANG	620923135446	DIRECTOR
DATO' SRI MOHD AMIM BIN A WAHAB	611127035669	PENGERUSI ESEKUTIF
LEFTENAN KOLONEL TUDM RAJA MOHAR BIN RAJA BAHARI	650716086327	KETUA OPERASI
PUAN NUR ATIQAH BINTI MARZUKI	850913025714	PENGURUS SUMBER MANUSIA

t.t

DATO' ZAMZURI BIN ABDUL AZIZ
Bahagian Perolehan Kerajaan
b.p. Ketua Setiausaha Perbendaharaan
Kementerian Kewangan Malaysia

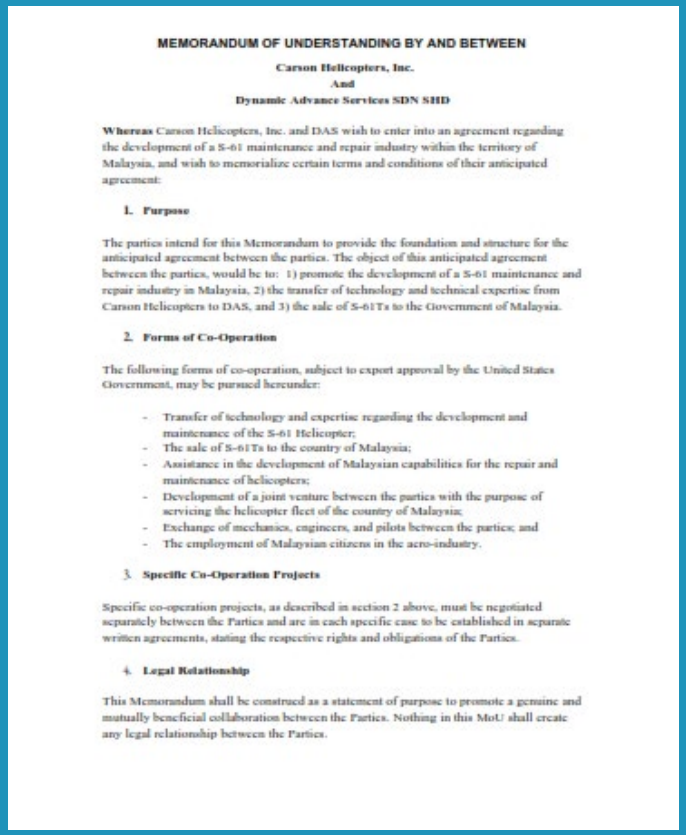
Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 28/01/2020

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)

Carson Das Helicopters (M) Sdn Bhd Registration Certificate

Establishment Certificates

SIKORSKY Support Acknowledgement



MEMORANDUM OF UNDERSTANDING BY AND BETWEEN

Carson Helicopters, Inc.
And
Dynamic Advance Services SDN SHD

Whereas Carson Helicopters, Inc. and DAS wish to enter into an agreement regarding the development of a S-61 maintenance and repair industry within the territory of Malaysia, and wish to memorialize certain terms and conditions of their anticipated agreement:

1. Purpose

The parties intend for this Memorandum to provide the foundation and structure for the anticipated agreement between the parties. The object of this anticipated agreement between the parties, would be to: 1) promote the development of a S-61 maintenance and repair industry in Malaysia, 2) the transfer of technology and technical expertise from Carson Helicopters to DAS, and 3) the sale of S-61Ts to the Government of Malaysia.

2. Forms of Co-Operation

The following forms of co-operation, subject to export approval by the United States Government, may be pursued hereunder:

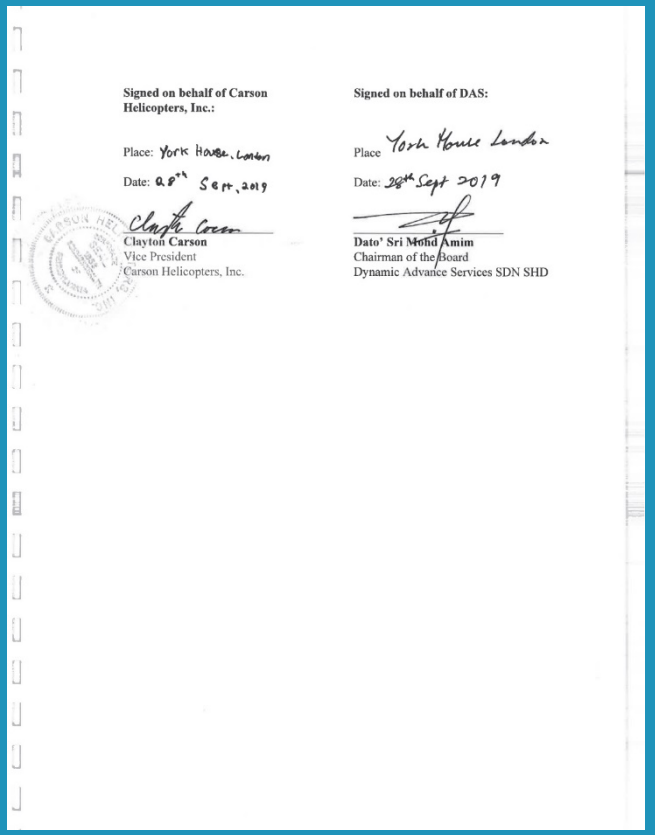
- Transfer of technology and expertise regarding the development and maintenance of the S-61 Helicopter;
- The sale of S-61Ts to the country of Malaysia;
- Assistance in the development of Malaysian capabilities for the repair and maintenance of helicopters;
- Development of a joint venture between the parties with the purpose of servicing the helicopter fleet of the country of Malaysia;
- Exchange of mechanics, engineers, and pilots between the parties; and
- The employment of Malaysian citizens in the aero-industry.

3. Specific Co-Operation Projects

Specific co-operation projects, as described in section 2 above, must be negotiated separately between the Parties and are in each specific case to be established in separate written agreements, stating the respective rights and obligations of the Parties.

4. Legal Relationship

This Memorandum shall be construed as a statement of purpose to promote a genuine and mutually beneficial collaboration between the Parties. Nothing in this MoU shall create any legal relationship between the Parties.



Signed on behalf of Carson Helicopters, Inc.:

Place: York House, London

Date: 28th Sept, 2019

Clayton Carson
Vice President
Carson Helicopters, Inc.

Signed on behalf of DAS:

Place York House London

Date: 28th Sept 2019

Dato' Sri Mohd Amim
Chairman of the Board
Dynamic Advance Services SDN SHD

Establishment Certificates

SIKORSKY Support Acknowledgement



Sikorsky Aircraft Corporation
6900 Main Street P.O. Box 9729
Stratford, Connecticut 06497-9129
(203) 386-4000

SIKORSKY

March 16, 2016 CSS-S-61-2016-001

Carson Helicopters
952 Blooming Glen Road
Perkasie, PA 18944

Attention: Mr. Rod Manogue

Subject: Sikorsky Supplier Certification

Dear Mr. Manogue,

In support of the solicitation by the Department of State to install an environmental control system into the S-61T aircraft, let it be known that Carson Helicopters was the primary contractor in the re-manufacturing of these aircraft. As a result of that effort, Carson Helicopters became an approved Sikorsky Group 1 Flight Safety supplier and also a Group 2 supplier. Carson Helicopters is authorized perform modifications and refurbishments on Sikorsky manufactured airframes and is also authorized to provide modification(s) to the S-61T aircraft.

Should you have any questions, do not hesitate to contact the undersigned at Vrecine@sikorsky.com or by calling my office at (203) 683- 2228.

Respectfully,

SIKORSKY AIRCRAFT CORPORATION

Vincent J. Recine
S-61 Program Manager
Sikorsky Aircraft Corporation
Office - 203 683 2228 / Cell - 203 406-8113 / E-mail - vrecine@sikorsky.com

1



SIKORSKY

Sikorsky Aircraft
124 Quarry Road
Trumbull, CT 06611

To: Carson Helicopters
952 Blooming Glen Road
Perkasie, PA 18944

Date: September 25th, 2019

Reference: Sikorsky Letter of Support

Attention: Mr. Franklin Carson

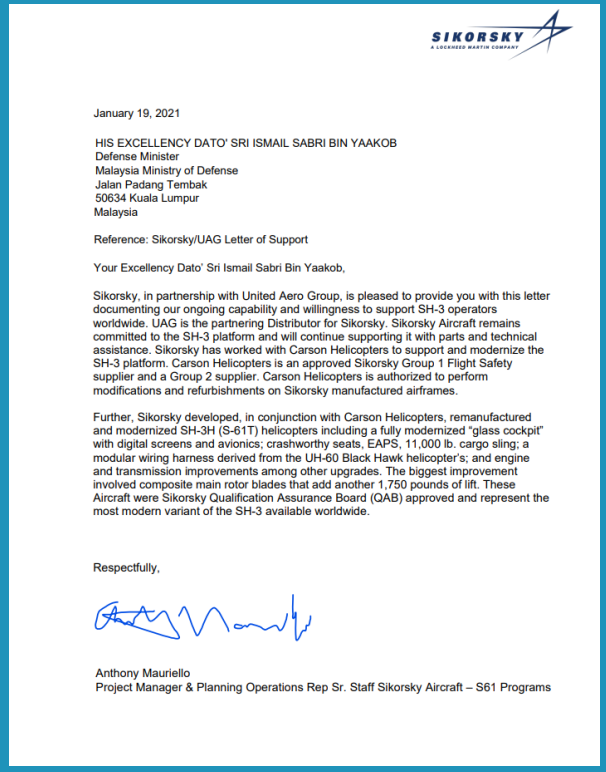
Mr. Carson,

Sikorsky Aircraft Corporation (Sikorsky) is pleased to provide you with this letter of support documenting our capability and willingness to work with you in supporting overseas S-61 operators. Sikorsky remains committed to the S-61 platform and will continue supporting it with parts and technical assistance. Carson Helicopters is an approved Sikorsky Group 1 Flight Safety supplier and also a Group 2 supplier. Carson Helicopters is authorized perform modifications and refurbishments on Sikorsky manufactured airframes. Sikorsky looks forward to working with Carson in helping to keep the S-61 flying safely into the future.

Best regards,

Anthony Mauriello
Project Manager & Planning Operations Rep Sr. Staff Sikorsky Aircraft – S61 Programs
Sikorsky CSS
Email: anthony.mauriello@lmco.com

The information contained in this letter and all attachments is considered confidential commercial or financial information. The disclosure of this information would cause competitive harm to Sikorsky Aircraft Corporation and its affiliates, and is thus protected under 5 U.S.C. § 552(b)(4) and 18 U.S.C. § 1905. Should you receive any request under the Freedom of Information Act or decide to otherwise make the information contained in this letter and all attachments publicly available, please advise us before taking any such action.



SIKORSKY

January 19, 2021

HIS EXCELLENCY DATO' SRI ISMAIL SABRI BIN YAAKOB
Defense Minister
Malaysia Ministry of Defense
Jalan Padang Tembak
50634 Kuala Lumpur
Malaysia

Reference: Sikorsky/UAG Letter of Support

Your Excellency Dato' Sri Ismail Sabri Bin Yaakob,

Sikorsky, in partnership with United Aero Group, is pleased to provide you with this letter documenting our ongoing capability and willingness to support SH-3 operators worldwide. UAG is the partnering Distributor for Sikorsky. Sikorsky Aircraft remains committed to the SH-3 platform and will continue supporting it with parts and technical assistance. Sikorsky has worked with Carson Helicopters to support and modernize the SH-3 platform. Carson Helicopters is an approved Sikorsky Group 1 Flight Safety supplier and a Group 2 supplier. Carson Helicopters is authorized to perform modifications and refurbishments on Sikorsky manufactured airframes.

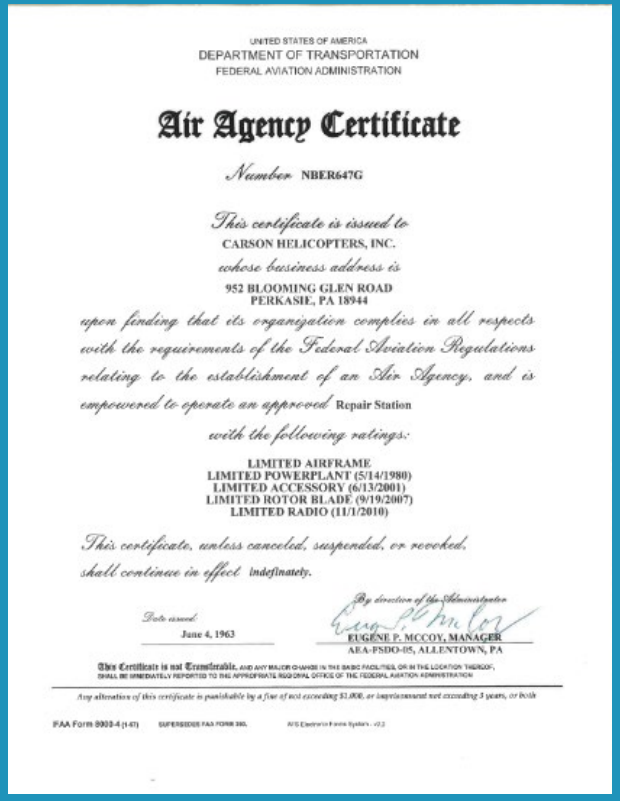
Further, Sikorsky developed, in conjunction with Carson Helicopters, remanufactured and modernized SH-3H (S-61T) helicopters including a fully modernized "glass cockpit" with digital screens and avionics; crashworthy seats, EAPS, 11,000 lb. cargo sling; a modular wiring harness derived from the UH-60 Black Hawk helicopter's; and engine and transmission improvements among other upgrades. The biggest improvement involved composite main rotor blades that add another 1,750 pounds of lift. These Aircraft were Sikorsky Qualification Assurance Board (QAB) approved and represent the most modern variant of the SH-3 available worldwide.

Respectfully,

Anthony Mauriello
Project Manager & Planning Operations Rep Sr. Staff Sikorsky Aircraft – S61 Programs

Establishment Certificates

CDHMSB ACCESS CHI CERTIFICATIONS



UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number NBER647G

This certificate is issued to
CARSON HELICOPTERS, INC.
whose business address is
952 BLOOMING GLEN ROAD
PERKASIE, PA 18944
upon finding that its organization complies in all respects with the requirements of the Federal Aviation Regulations relating to the establishment of an Air Agency, and is empowered to operate an approved Repair Station *with the following ratings:*

LIMITED AIRFRAME
LIMITED POWERPLANT (5/14/1980)
LIMITED ACCESSORY (6/13/2001)
LIMITED ROTOR BLADE (9/19/2007)
LIMITED RADIO (11/1/2010)

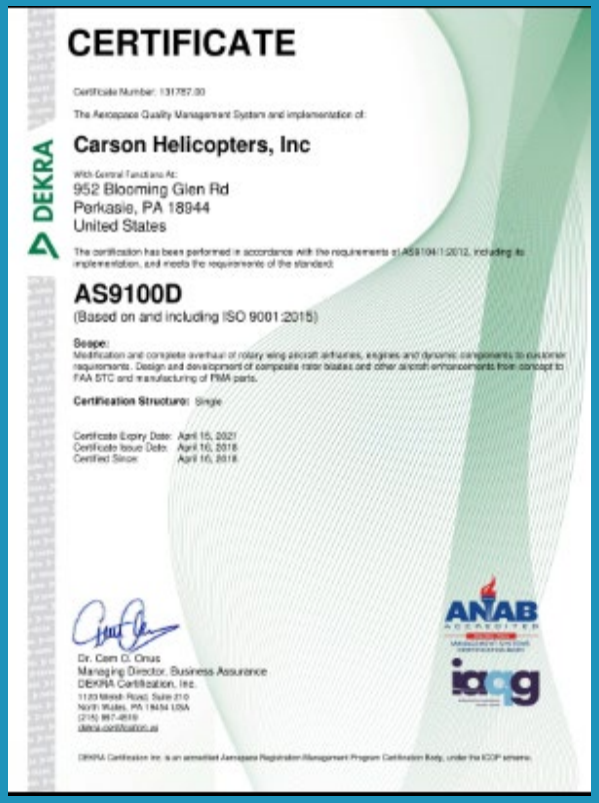
This certificate, unless canceled, suspended, or revoked, shall continue in effect indefinately.

By direction of the Administrator
Date issued: June 4, 1963
EUGENE P. MCCOY, MANAGER
AEA-PSDO-05, ALLENTOWN, PA

This Certificate is not Transferable, AND ANY MAJOR CHANGE IN THE BASIC FACILITIES, OR IN THE LOCATION THEREOF, SHALL BE IMMEDIATELY REPORTED TO THE APPROPRIATE REGIONAL OFFICE OF THE FEDERAL AVIATION ADMINISTRATION

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both

FAA Form 8000-4 (1-67) SUPERSEDES FAA FORM 380. AVS Electronic Forms System - 4.0



DEKRA

CERTIFICATE

Certificate Number: 131787.00

The Aerospace Quality Management System and implementation of:

Carson Helicopters, Inc

With Central Functions At:
952 Blooming Glen Rd
Perkasie, PA 18944
United States

The certification has been performed in accordance with the requirements of AS9104/1:2012, including its implementation, and meets the requirements of the standard:

AS9100D
(Based on and including ISO 9001:2015)

Scope:
Modification and complete overhaul of rotary wing aircraft airframes, engines and dynamic components to customer requirements. Design and development of composite rotor blades and other aircraft enhancements from concept to FAA STC and manufacturing of PMA parts.

Certification Structure: Single

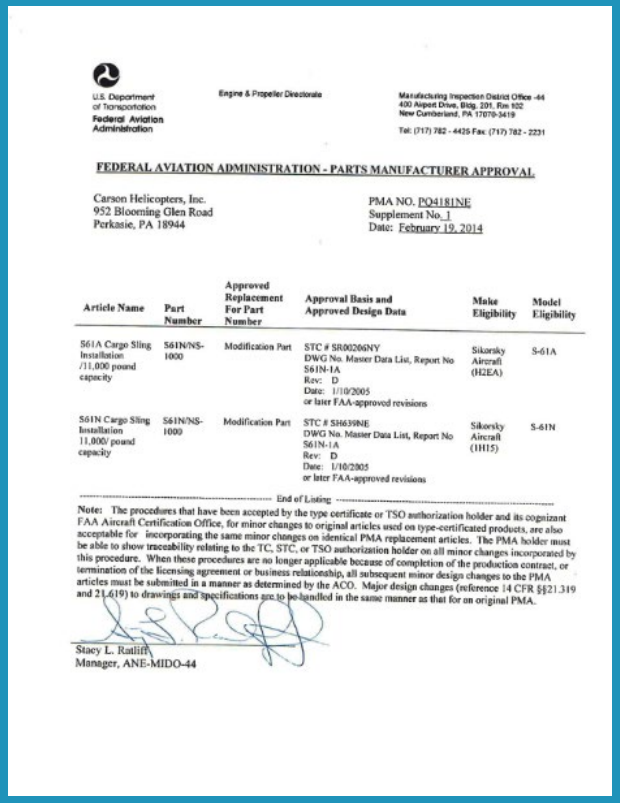
Certificate Expiry Date: April 16, 2021
Certificate Issue Date: April 16, 2018
Certified Since: April 16, 2018

Dr. Cem O. Cinus
Managing Director, Business Assurance
DEKRA Certification, Inc.
1123 Milestone Road, Suite 210
North Wales, PA 19454 USA
(215) 997-4918
dekra-certification.us

DEKRA Certification Inc. is an accredited Aerospace Registrar Management Program Certification Body, under the IQNet scheme.

ANAB ACCREDITED

iaqg



U.S. Department of Transportation
Federal Aviation Administration

Engine & Propeller Directorate

Manufacturing Inspection District Office -44
400 Aspen Drive, Bldg. 201, Rm 102
New Cumberland, PA 17070-3419
Tel: (717) 782 - 4425 Fax: (717) 782 - 2231

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Carson Helicopters, Inc.
952 Blooming Glen Road
Perkasie, PA 18944

PMA NO. PO4181NE
Supplement No. 1
Date: February 19, 2014

Article Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
S61A Cargo Sling Installation /11,000 pound capacity	S61N/NS-1000	Modification Part	STC # SR00206NY DWG No. Master Data List, Report No S61N-1A Rev: D Date: 1/10/2005 or later FAA-approved revisions	Sikorsky Aircraft (H2EA)	S-61A
S61N Cargo Sling Installation 11,000/ pound capacity	S61N/NS-1000	Modification Part	STC # SH6398NE DWG No. Master Data List, Report No S61N-1A Rev: D Date: 1/10/2005 or later FAA-approved revisions	Sikorsky Aircraft (1H15)	S-61N

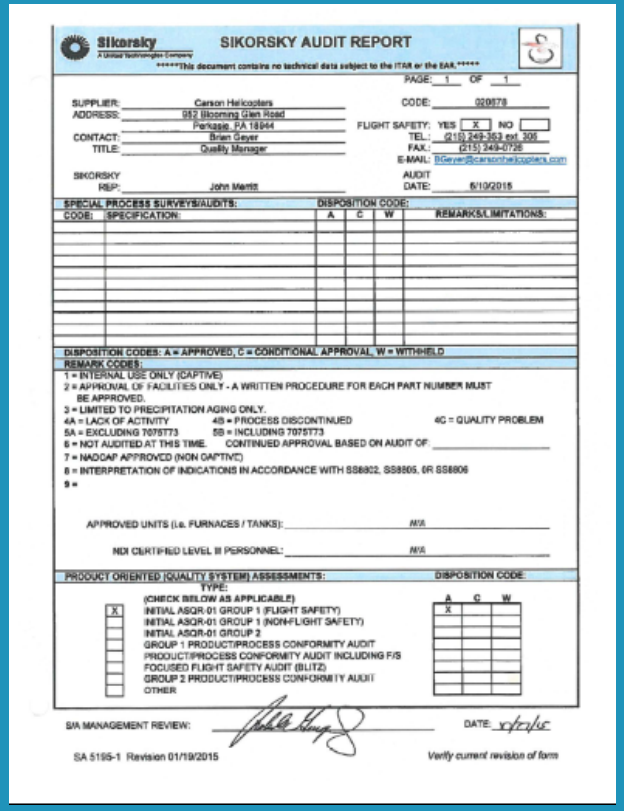
End of Listing

Note: The procedures that have been accepted by the type certificate or TSO authorization holder and its cognizant FAA Aircraft Certification Office, for minor changes to original articles used on type-certificated products, are also acceptable for incorporating the same minor changes on identical PMA replacement articles. The PMA holder must be able to show traceability relating to the TC, STC, or TSO authorization holder on all minor changes incorporated by this procedure. When these procedures are no longer applicable because of completion of the production contract, or termination of the licensing agreement or business relationship, all subsequent minor design changes to the PMA articles must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR §§21.319 and 21.619) to drawings and specifications are to be handled in the same manner as that for on original PMA.

Stacy L. Ratliff
Manager, ANE-MIDO-44

Establishment Certificates

CDHMSB ACCESS CHI CERTIFICATIONS



Sikorsky

SIKORSKY AUDIT REPORT

*****This document contains no technical data subject to the ITAR or the EAR.*****

PAGE: 1 OF 1

SUPPLIER: Carson Helicopters
ADDRESS: 952 Blooming Glen Road, Perkasie, PA 18944
CONTACT: Brian Geyer
TITLE: Quality Manager
CODE: 020578
FLIGHT SAFETY: YES [X] NO [ ]
TEL.: (215) 249-353 ext. 305
FAX.: (215) 249-0726
E-MAIL: BGeyer@carsonhelicopters.com
SIKORSKY REP: John Mertz
AUDIT DATE: 6/10/2015

SPECIAL PROCESS SURVEYS/AUDITS: CODE	SPECIFICATION	DISPOSITION CODE: A	C	W	REMARKS/LIMITATIONS:

DISPOSITION CODES: A = APPROVED, C = CONDITIONAL APPROVAL, W = WITHHELD

REMARK CODES:
1 = INTERNAL USE ONLY (CAPTIVE)
2 = APPROVAL OF FACILITIES ONLY - A WRITTEN PROCEDURE FOR EACH PART NUMBER MUST BE APPROVED.
3 = LIMITED TO PRECIPITATION AGING ONLY.
4A = LACK OF ACTIVITY 4B = PROCESS DISCONTINUED 4C = QUALITY PROBLEM
5A = EXCLUDING 7075T73 5B = INCLUDING 7075T73
6 = NOT AUDITED AT THIS TIME. CONTINUED APPROVAL BASED ON AUDIT OF:
7 = NADCAP APPROVED (NON CAPTIVE)
8 = INTERPRETATION OF INDICATIONS IN ACCORDANCE WITH SS8802, SS8805, OR SS8806
9 =

APPROVED UNITS (i.e. FURNACES / TANKS): N/A

NDI CERTIFIED LEVEL III PERSONNEL: N/A

PRODUCT ORIENTED (QUALITY SYSTEM) ASSESSMENTS:

TYPE: (CHECK BELOW AS APPLICABLE)	DISPOSITION CODE: A	C	W
[X] INITIAL ASQR-01 GROUP 1 (FLIGHT SAFETY)	X		
[ ] INITIAL ASQR-01 GROUP 1 (NON-FLIGHT SAFETY)			
[ ] INITIAL ASQR-01 GROUP 2			
[ ] GROUP 1 PRODUCT/PROCESS CONFORMITY AUDIT			
[ ] PRODUCT/PROCESS CONFORMITY AUDIT INCLUDING F/S FOCUSED FLIGHT SAFETY AUDIT (BLITZ)			
[ ] GROUP 2 PRODUCT/PROCESS CONFORMITY AUDIT			
[ ] OTHER			

S/A MANAGEMENT REVIEW: DATE: 6/10/15

SA 5195-1 Revision 01/19/2015 Verify current revision of form



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: SR01585NY

This certificate issued to: Carson Helicopters Inc.
952 Blooming Glen Road
Perkasie, PA 18944

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part * of the Federal Aviation Regulations.

Original Product – Type Certificate Number: * See attached FAA Approved Model List (AML) No. SR01585NY for the list of approved aircraft models and applicable airworthiness regulations
Make: *See attached FAA AML
Model: *See attached FAA AML

Description of Type Design Change:
1. Installation of Carson Helicopters, Inc. composite main rotor blades, P/N 163-101-1, in accordance with Carson Helicopters, Inc. Installation Instructions CH-INSTALL-1, Rev. B, dated June 30, 2010.

Limitations and Conditions:
1. See attached AML for required Documentation.
2. The installer must determine whether this design change is compatible with previously approved modifications.
3. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

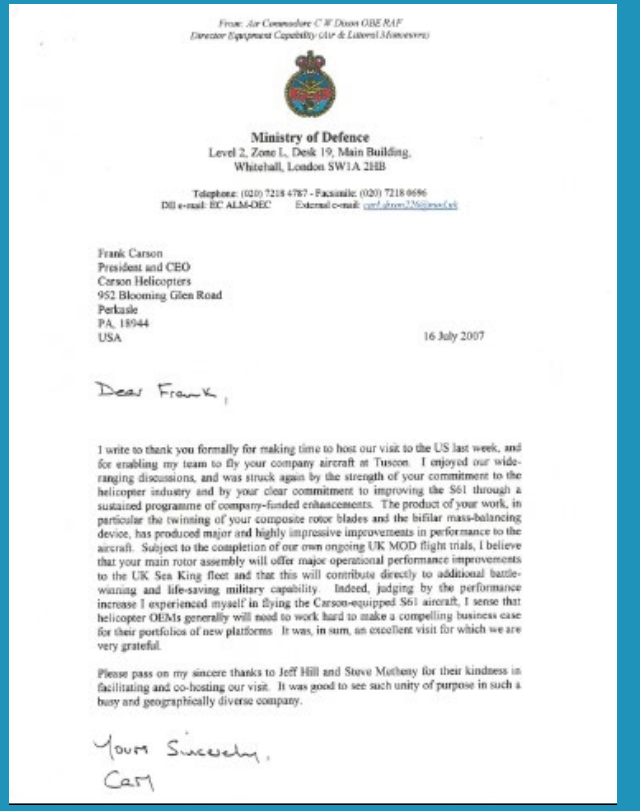
Date of Application: March 20, 1995
Date Reissued:
Date of Issuance: January 17, 2003
Date Amended: September 2, 2003, May 6, 2004, September 9, 2009, February 1, 2016

By Direction of the Administrator

Signature: Anthony E. Gallo
Title: Acting Manager
New York Aircraft Certification Office

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120)

FAA Form 8110-2 (5/14) Page 1 of 2



From: Air Commodore C W Dixon OBE RAF
Director Equipment Capability (Air & Littoral Manoeuvre)

Ministry of Defence
Level 2, Zone L, Desk 19, Main Building,
Whitehall, London SW1A 2HB

Telephone: (020) 7218 6787 - Facsimile: (020) 7218 0686
DII e-mail: EC ALM-DEC External e-mail: carl.dixon276@mod.uk

Frank Carson
President and CEO
Carson Helicopters
952 Blooming Glen Road
Perkasie
PA, 18944
USA

16 July 2007

Dear Frank,

I write to thank you formally for making time to host our visit to the US last week, and for enabling my team to fly your company aircraft at Tuscon. I enjoyed our wide-ranging discussions, and was struck again by the strength of your commitment to the helicopter industry and by your clear commitment to improving the S61 through a sustained programme of company-funded enhancements. The product of your work, in particular the twinning of your composite rotor blades and the bifilar mass-balancing device, has produced major and highly impressive improvements in performance to the aircraft. Subject to the completion of our own ongoing UK MOD flight trials, I believe that your main rotor assembly will offer major operational performance improvements to the UK Sea King fleet and that this will contribute directly to additional battle-winning and life-saving military capability. Indeed, judging by the performance increase I experienced myself in flying the Carson-equipped S61 aircraft, I sense that helicopter OEMs generally will need to work hard to make a compelling business case for their portfolios of new platforms. It was, in sum, an excellent visit for which we are very grateful.

Please pass on my sincere thanks to Jeff Hill and Steve Mathesy for their kindness in facilitating and co-hosting our visit. It was good to see such unity of purpose in such a busy and geographically diverse company.

Yours Sincerely,
CarM

References

Aviation references

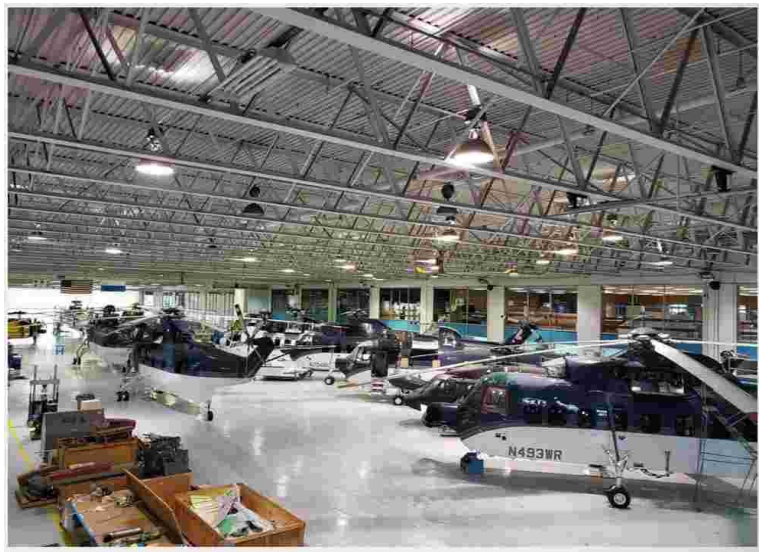








References

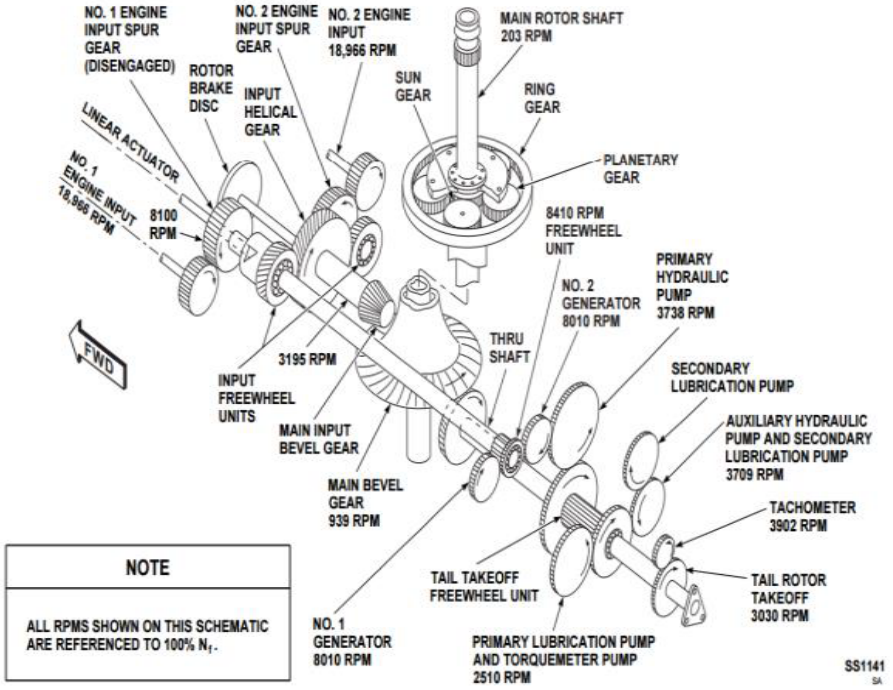


ADDITIONAL S-61 UPGRADES





Aviation Services References





Aviation Services References











BLACK HAWK REFERENCES

Aviation Services References









BLACK HAWK REFERENCES



SH-3H – S61T CONFIGURATION FLIGHT EVALUATION
BY
CDHMSB AND THE MALAYSIAN ARMY (PUTD)
CARSON HELICOPTERS INC, PERKASIE PENNSYLVANIA, U.S.A
29 JUL 2022 – 1ST AUG 2022



CARSON•DAS
HELICOPTERS (M)Sdn Bhd


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HELICOPTERS (M)Sdn Bhd

THANK YOU

(603) 6211 9777

Inquiry@cdhmsb.com

Http://www. Inquiry@cdhmsb.com

CARSON•DAS
HELICOPTERS (M)Sdn Bhd

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