



United States of America  
 Department of Transportation  
 Federal Aviation Administration  
*Supplemental Type Certificate*

Number: SR02704SE

*This certificate issued to:* AeroLEDs, LLC  
 8475 W. Elisa Street  
 Boise, ID 83709

*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 27 of Federal Aviation Regulations.*

*Original Product* \*  
*Type Certificate Number:*

*Make:* \*

*Model:* \* See attached Federal Aviation Administration (FAA) Approved Model List (AML) SR02704SE for approved rotorcraft models

*Description of Type Design Change:*

Installation and maintenance of the Sunspot 36 and 46 series lights in accordance with the Instructions for Continued Airworthiness (ICA) as listed on the AML.

*Limitations and Conditions:*

Approval of this change in type design applies to the rotorcraft listed on AML SR02704SE only. This approval should not be extended to other rotorcraft of these models on which other previously approved modifications are incorporated unless it is determined by the installer (Continued on Page 3)

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

*Date of Application:* June 19, 2020    *Date Reissued:*

*Date of Issuance:* December 17, 2020    *Date Amended:*

*By Direction of the Administrator*

**James Edward Riley Jr**  
*Signature:* Riley Jr

Digitally signed by James Edward Riley Jr  
 Date: 2020.12.17 15:27:36 -08'00'

*Title:* For Manager, Seattle ACO Branch

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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).

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*Supplemental Type Certificate*

*(Continuation Sheet)*

Number: SR02704SE

AeroLEDs, LLC

Issued: December 17, 2020

**Limitations and Conditions (cont):**

that the relationship between this change and other previously approved modifications will introduce no adverse effect upon the airworthiness of that rotorcraft. A copy of this certificate, AML SR02704SE, and the ICA document listed on the AML, must be maintained as part of the permanent records for the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

**Certification Basis:**

Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for design changes that are identified as not significant and FAA Order 8110.48, the certification basis for the Make Model aircraft is as follows:

- a. The type certification basis for parts not changed or not affected by the change is shown on the applicable TCDS
- b. The modification certification basis for parts changed or affected by the change since the reference application date, June 19, 2020, is based upon 14 CFR Part 27 as amended by Amendment 27-50 as follows:

Regulations at the latest amendment 27-0 through 27-50

27.1, 27.601, 27.603, 27.605, 27.773(a)(1)(b), 27.1301, 27.1309, 27.1351(a), 27.1383(a)(b), 27.1529

Regulations at an intermediate amendment

None

Regulations at the amendment level in the applicable TCDS

None

- End -

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Any alteration of this certificate and/or the Type Certificate Data Sheet is punishable by a fine 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 Title 14 of the Code of Federal Regulations, part 21, section 21.47 (14 CFR 21.47). A transfer must be endorsed as provided on the reverse hereof. A Type Certificate holder who allows a person to use the Type Certificate to manufacture a new aircraft, aircraft engine, or propeller must provide that person with a written licensing agreement acceptable to the FAA. (Ref. 14 CFR 21.55).

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**FEDERAL AVIATION ADMINISTRATION (FAA) APPROVED MODEL LIST (AML) SR02704SE  
FOR  
LED LANDING AND TAXI LIGHTS**

**ISSUE DATE: December 17, 2020**

ITEM	ROTORCRAFT MAKE	ROTORCRAFT MODEL	ORIGINAL TC NUMBER	CERTIFICATION BASIS FOR ALTERATION	FAA APPROVED MASTER DRAWING LIST		FAA ACCEPTED INSTRUCTIONS FOR CONTINUED AIRWORTHINESS (ICA)		AML REV DATE
					Drawing	Rev*	Number	Rev*	
1.	Aero Resources, Inc.	J-2	H6WE	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
2.	AIR SPACE DESIGN AND MANUFACTURING, LLC	1100 (OH-5A) FH-1100	H2WE	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
3.	Airbus Helicopters Deutschland GmbH	BO-105A BO-105C BO-105S BO-105LS A-1 BO-105LS A-3	H3EU	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
4.	Airbus Helicopters Deutschland GmbH	EC135P1 EC135P2 EC135P2+ EC135T1 EC135T2 EC135T2+/EC635T2+ EC135P3 EC135T3	H88EU	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
5.	Airbus Helicopters	AS350C AS350D AS350D1 AS350B AS350B1 AS350B2 AS350BA AS350B3 EC130B4 EC130T2	H9EU	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
6.	Airbus Helicopters	EC120B	R0001RD	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
7.	Airbus Helicopters	SA341G SA342J	H6EU	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
8.	Airbus Helicopters	SE.3160 Alouette III SA.316B Alouette III SA.315B Alouette III SA.319B Alouette III SA.316C Alouette III	H11N	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	

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9.	Airbus Helicopters	AS355E AS355F AS355F1 AS355F2 AS355N AS355NP	H11EU	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
10.	Airbus Helicopters	SE 3130-Alouette II SE 313B-Alouette II SA 3180-Alouette Astazou SA 318B-Alouette Astazou SA 318C-Alouette Astazou	7H1	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
11.	Bell Textron Canada Limited	206 206A 206A-1(OH-58A) 206B 206B-1 206L 206L-1 206L-3 206L-4 407	H2SW	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
12.	Bell Textron Canada Limited	427	R00001RC	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
13.	Bell Textron Canada Limited	429	R00003RD	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
14.	Berlin Doman Helicopters, Inc.	LZ-5	1H10	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
15.	Brantly International, Inc.	B-2 (YHO 3BR) B-2A B-2B	2H2	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
16.	Centerpointe Aerospace Inc.	S-55 S-55B S-55C	1H4	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	

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17.	Centerpointe Aerospace Inc.	S-58JT S-58A S-58H S-58B S-58J S-58C S-58BT S-58D S-58DT S-58E S-58ET S-58F S-58FT S-58G S-58HT	1H11	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
18.	Charles D. Linza	Navy HUP-3	H4WE	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
19.	Consolidated Air Crane, Inc.	CH34A CH34C HSS-1/UH-34D HSS-1N/UN-34J	H8SW	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
20.	Costruzioni Aeronautiche Giovanni Agusta S.p.a.	AB-102	7H3	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
21.	Helicopter Technik Munchen GmbH & Co., Anlagen KG	FJ Sky-Trac	H5EU	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
22.	Invest In Opportunities, Inc.	HUS-1	H9WE	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
23.	Kaman Aerospace Corporation	K-1200	TR7BO	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	

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24.	Leonardo S.p.a.	A109 A109A A109A II A109C A109K2 A109E A109S A119 AW119 MKII AW109SP	H7EU	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
25.	Lockheed Martin Aeronautics Company	L-286	H5WE	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
26.	McCulloch Motors Corporation	MC-4C (USAF YH-30)	6H3	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
27.	MD Helicopters Inc. (MDHI)	369 (Army YO-H-6A) 369A (Army OH-6A) 369H 369HM 369HS 369HE 369D 369E 369F 369FF 500N 600N	H3WE	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
28.	MD Helicopters, Inc. (MDHI)	MD900	H19NM	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
29.	Omega Aircraft Corporation	BS-12D1	1H14	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	

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30.	Orlando Helicopter Airways, Inc.	HRS-1/CH-19 H-19D H-19A H-19G YH-19A UH-19F UH-19C CH-19E HRS-3/H-19B UH-19D	HR1SO	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
31.	Orlando Helicopter Airways, Inc.	SH-34J HH-34J UH-34D H-34A	H4SO	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
32.	Pacific Aviation, Inc.	HSS-1/UH-34D HSS-1N/UH-34J CH34A CH34C	H15WE	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
33.	Robinson Helicopter Company	R66	R00015LA	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
34.	Robinson Helicopter Company	R44 R44 II	H11NM	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
35.	Robinson Helicopter Company	R22 R22 ALPHA R22 BETA R22 MARINER	H10WE	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
36.	Scheutzw Helicopter Corporation	Model B	H1GL	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
37.	Schweizer RSG LLC	269A 269A-1 269B 269C 269C-1 269D	4H12	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	

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38.	Scott's – Bell 47, Inc.	47G-2A 47G-5 47G-2A-1 47G-3B-2 47G-3 47G-5A 47G-3B 47G-3B-2A 47G-3B-1 47G-4 47G-4A	2H3	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
39.	Scotts – Bell 47 Inc.	47 47B 47B3 47D 47D1 47E 47G 47G-2 47H-1	H-1	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
40.	Scotts – Bell 47 Inc.	47J 47K 47J-2 47J-2A	2H1	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
41.	Scott's – Bell 47, Inc.	U.S. Army OH-13H U.S. Army OH-13E	H7SW	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
42.	Scott's – Bell 47, Inc.	U.S. Army OH-13H	H5SW	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
43.	Siam Hiller Holdings, Inc.	UH-12E UH-12E-L (Army OH-23G) (Army H-23F)	4H11	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
44.	Siam Hiller Holdings, Inc.	UH-12B (Navy HTE-2, Army H-23B) UH-12C	6H2	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
45.	Siam Hiller Holdings, Inc.	UH-12L UH-12L4	H1WE	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	



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46.	Siam Hiller Holdings, Inc.	UH-12 UH-12A (Navy HTE-1, Army H-23A)	6H1	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
47.	Siam Hiller Holdings, Inc.	UH-12D (Army H-23D)	4H10	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
48.	Sikorsky Aircraft Corporation	S-51	H-2	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
49.	Sikorsky Aircraft Corporation	S-52	H-3	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
50.	SILVERCRAFT S.co.p.a.	SH-4	H2EU	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
51.	Sud Aviation	SO. 1221 Djinn	7H2	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
52.	Teryjon Aviation, Inc.	Fast Kat I (Bell, U.S. Army OH-13S)	H2GL	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
53.	The Boeing Company Vertol Division	(H21B, H-21C) 42A 42B 44A 44B	1H12	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
54.	The Enstrom Helicopter Corporation	F-28 F-28A 280 F-28C F-28C-2 F-28C-2R 280C F-28F F-28F-R 280F 280FX TH-28 480 480B	H1CE	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
55.	The Kaman Aircraft Corp.	K-240 (Military HTK-1)	1H3	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	

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56.	The Kaman Aircraft Corp.	K-190A K-225	1H1	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
57.	TWMCC Leasing, LLC (Air & Space)	18A	1H17	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	
58.	Vertical Aviation Technologies, Inc.	S-52-2 (Military YH-18A) S-52-3 (Military H05S-1)	1H2	See Cert Basis on STC	ST-20-502-02	-	0027-0001	IR	

\* Or later FAA Approved/Accepted Revision

**FAA Approved:**

**James Edward Riley Jr**

Digitally signed by James Edward Riley Jr  
Date: 2020.12.17 15:23:50 -08'00'

For Manager, Seattle ACO Branch

**AMENDED:  
REISSUED:**