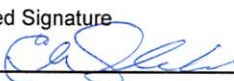



1. Approved National Aviation Authority <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No. 2019-252-261	
4. Approved Organization Name and Address <b>Heliproducts Industries Ltd.</b> # 350 - 18799 Airport Way . Pitt Meadows, BC V3Y 2B4				5. Work Order/ Contract/ Invoice PO P2019-45D		
6. Item 1	7. Description Anti-Collision Light Kit	8. Part No. 350HP33-100	9. Qty 1	10. Serial / Batch No. 2019-252	11. Status / Work New	
12. Remarks Manufactured in accordance with STC: TC SH13-50 Issue 3 dated December 23, 2013, FAA SR03387NY dated April 23, 2014 and EASA 10053614 dated June 10, 2015						
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation  <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release  <input type="checkbox"/> Other regulations specified in block 12  Certifies that, except where otherwise specified in block 12, the work identified in block 11 and described in block 12 was performed in accordance with Canadian Aviation Regulations			
13b. Authorized Signature 		13c. Certificate / Approval ref. No. 83-05		14b. Authorized Signature		14c. Certificate / Approval ref. No.
13d. Name Chris Shibaoka		13e. Date (dd/mmm/yyyy) 28/Mar/2019		14d. Name		14e. Date (dd/mmm/yyyy)

#### Installer Responsibilities

This certificate does not constitute authority to install.

Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

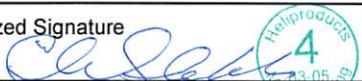
1. Approved National Aviation Authority <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No. 2019-253-262	
4. Approved Organization Name and Address <b>Heliproducts Industries Ltd.</b> # 350 - 18799 Airport Way . Pitt Meadows, BC V3Y 2B4				5. Work Order/ Contract/ Invoice PO P2019-45D		
6. Item	7. Description	8. Part No.	9. Qty	10. Serial / Batch No.	11. Status / Work	
1	Side Postion Light Kit	350HP33-200	1	2019-253	New	
12. Remarks Manufactured in accordance with STC: TC SH13-50 Issue 3 dated December 23, 2013, FAA SR03387NY dated April 23, 2014 and EASA 10053614 dated June 10, 2015						
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release			
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation			<input type="checkbox"/> Other regulations specified in block 12			
<input type="checkbox"/> Non approved design data specified in block 12.			Certifies that, except where otherwise specified in block 12, the work identified in block 11 and described in block 12 was performed in accordance with Canadian Aviation Regulations			
13b. Authorized Signature 		13c. Certificate / Approval ref. No. 83-05		14b. Authorized Signature		14c. Certificate / Approval ref. No.
13d. Name Chris Shibaoka		13e. Date (dd/mmm/yyyy) 28/Mar/2019		14d. Name		14e. Date (dd/mmm/yyyy)

#### Installer Responsibilities

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Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

1. Approved National Aviation Authority <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No. 2019-254-263	
4. Approved Organization Name and Address <b>Heliproducts Industries Ltd.</b> # 350 - 18799 Airport Way . Pitt Meadows, BC V3Y 2B4				5. Work Order/ Contract/ Invoice PO P2019-45D		
6. Item	7. Description	8. Part No.	9. Qty	10. Serial / Batch No.	11. Status / Work	
1	Tail Position Light Kit	350HP33-300	1	2019-254	New	
12. Remarks Manufactured in accordance with STC: TC SH13-50 Issue 3 dated December 23, 2013, FAA SR03387NY dated April 23, 2014 and EASA 10053614 dated June 10, 2015						
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release			
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation			<input type="checkbox"/> Other regulations specified in block 12			
<input type="checkbox"/> Non approved design data specified in block 12.			Certifies that, except where otherwise specified in block 12, the work identified in block 11 and described in block 12 was performed in accordance with Canadian Aviation Regulations			
13b. Authorized Signature 		13c. Certificate / Approval ref. No. 83-05		14b. Authorized Signature		14c. Certificate / Approval ref. No.
13d. Name Chris Shibaoka		13e. Date (dd/mmm/yyyy) 28/Mar/2019		14d. Name		14e. Date (dd/mmm/yyyy)

#### Installer Responsibilities

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Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.





United States of America  
Department of Transportation  
Federal Aviation Administration

Supplemental Type Certificate  
IMPORT

Number: SR03387NY

This certificate issued to: HeliProducts Industries Ltd.  
#350 18799 Airport Way  
Pitt Meadows, British Columbia  
Canada V3Y 2B4

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 the Federal Aviation Regulations.

Original Product – Type Certificate Number:                      Make: See attached AML  
See attached AML    Model: See attached AML

Description of Type Design Change:

- 1. Installation of AVEO Engineering LED anticollision light, LED position/Strobe lights and LED tail position lights in accordance with Master Drawing Lists, document Nos. RLM-MDL-001, Rev. C, dated July 14, 2014, TCCA approved August 1, 2014 and MDL No. RLM-MDL-002, Revision A, dated October 27, 2014, Transport Canada approved October 31, 2014 or later TCCA approved revisions.

(See Description of Type Design Change continued on Page 3 of 3)

Limitations and Conditions:

- 1. The installer must determine whether this design change is compatible with previously approved modifications.
- 2. 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: January 28, 2014

Date Reissued:

Date of Issuance: April 23, 2014

Date Amended: January 23, 2015

By Direction of the Administrator

Signature

Title

Gaetano Sciortino  
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).



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

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

*Transfer Endorsement*

*Transfer the ownership of Supplemental Type Certificate Number: SR03387NY*

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: \_\_\_\_\_

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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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United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

(Continuation Sheet)

Number: SR03387NY

Date Amended: January 23, 2015

Description of Type Design Change (continued):

2. Installation must be in accordance with Heli Products Industries Limited Installation Procedures Nos. HP350LEDXT-II, Revision 2, dated June 10, 2014, Transport Canada approved August 1, 2014 and HP355LEDXT-II, Revision 0, dated October 21, 2014, Transport Canada approved October 31, 2014 or later TCCA approved revisions.
3. Maintenance must be in accordance with Heli Products Industries Limited Instructions for Continued Airworthiness (ICA) document Nos. HP350LEDXT-ICA, revision 1, dated January 30, 2014, Transport Canada approved February 12, 2014 and HP355LEDXT-ICA, Revision 0, dated October 21, 2014; Transport Canada accepted October 31, 2014, or later Transport Canada accepted revisions.

-----END-----

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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).

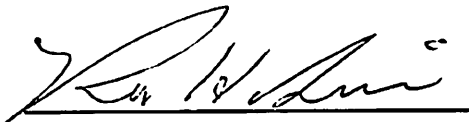
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**FAA APPROVED MODEL LIST (AML) No. SR03387NY  
HELIPRODUCTS INDUSTRIES LTD.  
FOR**

**INSTALLATION OF AVEO ENGINEERING LED ANTICOLLISION LIGHT, LED POSITION/STROBE LIGHTS, AND LED TAIL POSITION LIGHT**

Original Issue Date: April 23, 2014  
Amended: January 23, 2015

ITEM	PART	REGULATION	AIRCRAFT MAKE	AIRCRAFT MODEL	TCDS	CONFIGURATION		REQUIRED DOCUMENTATION		
						MASTER DRAWING LIST NUMBER/DATE	INSTALLATION INSTRUCTIONS NUMBER/DATE	INSTRUCTIONS FOR CONTINUED AIRWORTHINESS NUMBER/DATE	FLIGHT MANUAL SUPPLEMENT NUMBER/DATE	AML AMENDMENT DATE
1	27	Federal Aviation	Airbus Helicopters	AS350B AS350B1 AS350B2 AS350B3 AS350BA AS350D	H9EU	RLM-MDL-001 Rev C, dated August 5, 2014 or later Transport Canada approved revision	HP350LEDXT-II Rev 2, dated June 10, 2014 or later Transport Canada approved revision	HP350LEDXT-ICA Rev 1, dated January 30, 2014 or later Transport Canada accepted revision	N/A	January 23, 2015
2	27	Federal Aviation	Airbus Helicopters	AS355E AS355F AS355F1 AS355F2 AS355N AS355NP	H11EU	RLM-MDL-002 Rev A, dated November 4, 2014 or later Transport Canada approved revision	HP355LEDXT-II Rev 0, dated October 21, 2014 or later Transport Canada approved revision	HP355LEDXT-ICA Rev 0, dated October 30, 2014 or later Transport Canada accepted revision	N/A	January 23, 2015



 Gaetano Sciortino  
Manager  
New York Aircraft Certification Office



Transport  
Canada

Transports  
Canada

Department of Transport

# Supplemental Type Certificate

This approval is issued to:

HeliProducts Industries Ltd.  
#350 18799 Airport Way  
Pitt Meadows, British Columbia  
Canada V3Y 2B4

**Number:** SH13-50

**Issue No.:** 3

**Approval Date:** December 23, 2013

**Issue Date:** November 10, 2014

**Responsible Office:**

Ontario

**Aircraft/Engine Type or Model:**

Airbus Helicopters AS 350 B, AS 350 B1, AS 350 B2, AS 350 B3, AS 350 BA, AS 350 D,  
Eurocopter France AS 355 E, AS 355 F, AS 355 F1, AS 355 F2, AS 355 N, AS 355 NP

**Canadian Type Certificate or Equivalent:**

H-83 (Airbus Helicopters AS 350 B, AS 350 B1, AS 350 B2, AS 350 B3, AS 350 BA, AS 350 D)  
H-87 (Eurocopter France AS 355 E, AS 355 F, AS 355 F1, AS 355 F2, AS 355 N, AS 355 NP)

**Description of Type Design Change:**

External Lighting Modification: Installation of AVEO Engineering LED Anticollision Light, LED Position/Strobe Lights, and LED Tail Position Light in lieu of factory-installed lights

**Installation/Operating Data,  
Required Equipment and Limitations:**

1. Configuration must be in accordance with the following 1907709 Ontario Ltd. Master Drawing Lists, or later TCCA approved revisions:

A/C Model	Master Drawing List No.	Revision	TCCA Approval Date
AS350 B,B1,B2,B3,BA,D	RLM-MDL-001	C	1 August, 2014
AS355 E,F,F1,F2,N,NP	RLM-MDL-002	A	31 October, 2014

~ See Continuation Sheet ~



**Conditions:** This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated **will not** adversely affect the airworthiness of the modified product.

G. David  
For Minister of Transport

Canada





*(Continuation Sheet)*

Number: SH13-50 Issue 3

NOTE: THIS ADDENDUM SHALL REMAIN PART OF THE CERTIFICATE REFERRED TO THEREIN.

2. Installation must be in accordance with the following Heliproducts Industries Limited Installation Instructions, or later TCCA approved revisions:

<b>A/C Model</b>	<b>Installation Instructions No.</b>	<b>Revision</b>	<b>TCCA Approval Date</b>
AS350 B,B1,B2,B3,BA,D	HP350LEDXT-II	2	1 August, 2014
AS355 E,F,F1,F2,N,NP	HP355LEDXT-II	0	31 October, 2014

3. The rotorcraft must be maintained in accordance with the following Heliproducts Industries Limited Instructions for Continued Airworthiness, or later TCCA accepted revisions:

<b>A/C Model</b>	<b>Instructions for Continued Airworthiness No.</b>	<b>Revision</b>	<b>TCCA Acceptance Date</b>
AS350 B,B1,B2,B3,BA,D	HP350LEDXT-ICA	1	12 February, 2014
AS355 E,F,F1,F2,N,NP	HP355LEDXT-ICA	0	31 October, 2014

– End –

## SUPPLEMENTAL TYPE CERTIFICATE

**10053614**

This Supplemental Type Certificate is issued by EASA, acting in accordance with Regulation (EC) No. 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation and in accordance with Commission Regulation (EU) No. 748/2012 to:

### HELIPRODUCTS INDUSTRIES Ltd.

PITT MEADOWS AIRPORT  
18799 AIRPORT WAY, # 350  
PITT MEADOWS BC V3Y 2B4  
CANADA

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and environmental protection requirements when operated within the conditions and limitations specified below:

**Original Type Certificate Number:** EASA.R.008

EASA.R.146

**Type Certificate Holder:** AIRBUS HELICOPTERS

**Type:** AS 350/EC 130

AS 355

**Model:** AS 350 B/B1/B2/B3/BA/D

AS 355 E/F/F1/F2/N/NP

**Original STC Number:** TCCA STC SH13-50

**Description of Design Change:**

Installation of AVEO Engineering position and anticollision LED lights

See Continuation Sheet(s)

**For the European Aviation Safety Agency**

**Date of Issue: 10 June 2015**



**Massimo MAZZOLETTI**  
Head of Rotorcraft Department

10037476

SUPPLEMENTAL TYPE CERTIFICATE - 10053614 - HELIPRODUCTS INDUSTRIES Ltd. - 305123



**EASA Certification Basis:**

The Certification Basis (CB) for the original product remains applicable to this certificate/ approval.  
The requirements for environmental protection and the associated certified noise and/ or emissions levels of the original product are unchanged and remain applicable to this certificate/ approval.

**Associated Technical Documentation:**

Master Drawing List no. RLM-MDL-001 Rev C dated 05 August 2014 (AS 350 series)  
Master Drawing List no. RLM-MDL-002 Rev A dated 04 November 2014 (AS 355 series)  
Installation instructions no. HP350LEDXT-II REV 2 dated 10 January 2014  
Installation instructions no. HP350LEDXT-II REV 0 dated 21 October 2014  
Instructions for Continued Airworthiness no. HP350LEDXT-ICA REV 2 dated 29 April 2015  
Instructions for Continued Airworthiness no. HP355LEDXT-ICA REV 1 dated 29 April 2015

**Limitations:**

None

- End -





<b>APPROVED BY</b> Chris Shibaoka	<b>INFORMATION NOTICE No.</b> IN-33-01	<b>REV</b> A
<b>DATE</b> Apr 14, 2015	<b>REFERENCE DRAWING</b> ED350HP33-100 ED350HP33-200	<b>REV</b> B B
<b>SHEET</b> 1 OF 1	<b>TITLE</b> LED ANTI-COLLISION LIGHT LED POSITION/STROBE LIGHT	

### HELIPRODUCTS 350LEDXT INFORMATION NOTICE

AIRCRAFT CONCERNED	VERSIONS
AS350	B, BA, BB, B1, B2, B3, D

**Purpose**

For aircraft with both 350HP33-100 and 350HP33-200 kits installed the Anti-collision Light and Side Position Lights should be flashing in unison. There is a potential for light failure, if the wires were terminated incorrectly.

If Power and Sync wires or Ground and Sync wires are reversed, the system may appear to operate normally. However this will cause the lights to fail prematurely.

**Substantiation**

The installation procedure in the 350LEDXT Installation Instructions has not changed.

Function of Anti-collision Light has not changed.

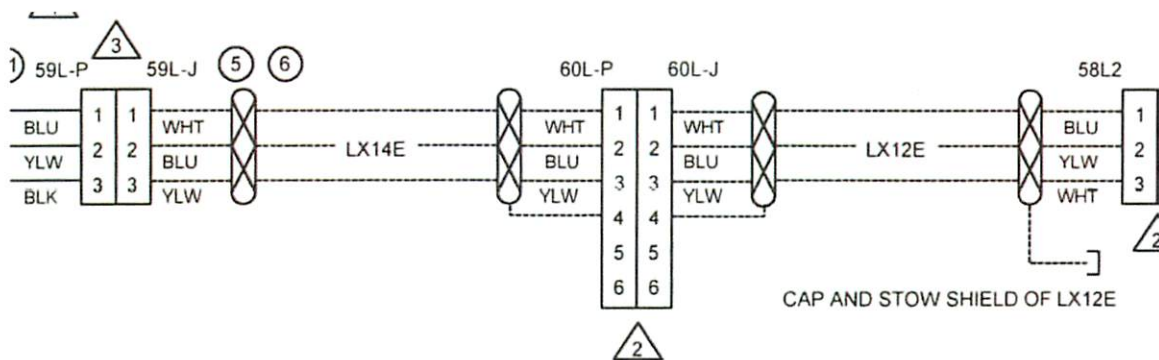
**Procedure**

Confirm Power, Ground and Sync wires terminated to the proper connector pin number. Reference Heliproducts Electrical Drawing ED350HP33-100 and ED350HP33-200.

**Notes**

Existing wiring in the tailboom for the Anti-collision Light System cross over. From Connector 58L-J2 to 59L-J, wires do not line up end to end. (pin 1 to 1 pin 2 to 2, pin 3 to 3.) Wire colors also do not match up with existing wires at 59L-J and 350HP33-100-001 light assembly wires 59L-P. Reference Figure 1.0.

**Figure 1.0**



RECORD OF REVISIONS			
REV	DESCRIPTION	APPROVED	DATE
A	Original	<i>MS</i>	01/Oct/2013
A-1	a) Flag "1" moved to other side of Harness Ref C/D7 b) Items 50a and 50b added as sub-assemblies c) Items 55 and 60 added as additional hardware	<i>MS</i>	30/Jan/2014
A-2	a) Item 54 Screw part number change	<i>MS</i>	06/Mar/2014
A-3	a) Incorporation of Mods 07-3336 and 07-4280	<i>MS</i>	10/Jun/2014
B	a) Changed revision to B to keep all Electrical Drawing congruent.	<i>MS</i>	24/Jun/2014

ITEM	PART NUMBER	DESCRIPTION	QUANTITY	DESIGNATOR	NOTES
50	350HP33-300-001	LED TAIL POSITION LIGHT	1	23L	
..	50a 151679-9	CONNECTOR - 2 CONTACT PIN	1	23L-P1	
..	50b 163558-4	CONTACT - PIN	2	23L-P1	
51	350HP33-300-002	LABEL KIT	1		
52	151680-9	CONNECTOR - 2 CONTACT SOCKET	1	23L-J1	
53	163557-4	CONTACT - SOCKET	2	23L-J1	
54	22256BC030026L	SCREW	2		
55	23111AG030LE	WASHER	2		
56	DHS433-151.03	NUT	2		



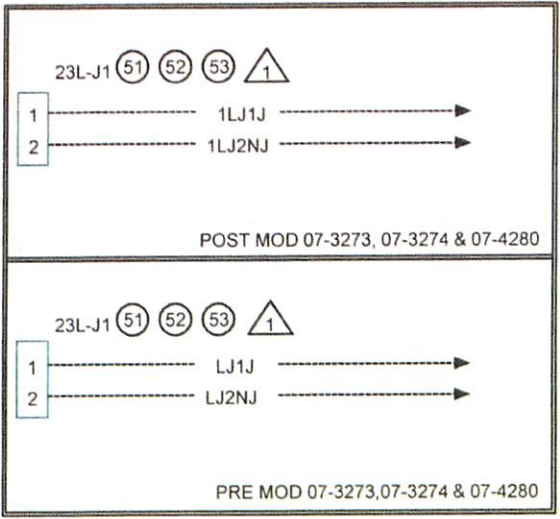
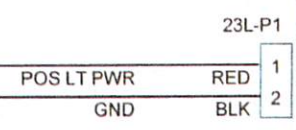
Attach heat shrink labels at appropriate associated locations.

HELIPRODUCTS IND LTD  
#350-18799 AIRPORT WAY  
PITT MEADOWS, BC  
CANADA V3Y 2B4



TITLE / DESCRIPTION	DRAWING NUMBER	STC
LED TAIL POSITION LIGHT	ED350HP33 -300	SH13-50
DRAWN BY	DATE	REV
C.SHIBAOKA	JUN 24, 2014	B
		SHEET
		1 OF 2

23L (50) (54) (55) (56)



HELIPRODUCTS IND LTD #350-18799 AIRPORT WAY PITT MEADOWS, BC CANADA V3Y 2B4			
TITLE / DESCRIPTION	DRAWING NUMBER	STC	
LED TAIL POSITION LIGHT	ED350HP33 -300	SH13-50	
DRAWN BY	DATE	REV	SHEET
C.SHIBAOKA	JUN 24, 2014	B	2 OF 2





350-18799 AIRPORT WAY  
PITT MEADOWS, BC  
V3Y 2B4  
CANADA

## HELIPRODUCTS 350LEDXT WARRANTY/REGISTRATION FORM

<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>BATCH/SERIAL NUMBER</u>
ANTI-COLLISION LIGHT	350HP33-100	<u>2019-252</u>
SIDE POS/STROBE LIGHT	350HP33-200	<u>2019-253</u>
TAIL POSITION LIGHT	350HP33-300	<u>2019-254</u>

COMPANY NAME: \_\_\_\_\_

AIRCRAFT TYPE: \_\_\_\_\_

SERIAL NUMBER: \_\_\_\_\_

A/F HOURS @ INSTALLATION: \_\_\_\_\_

PLEASE SCAN AND EMAIL FORM TO [LED@HELIPRODUCTS.COM](mailto:LED@HELIPRODUCTS.COM)

**WARRANTY WILL BE VOIDED IF REGISTRATION FORM IS NOT SUBMITTED**