



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

IMPORT

Number: SR03448NY

*This certificate issued to:* Technisonic Industries Ltd.  
240 Traders Blvd East.  
Mississauga, ON, L4Z 1W7, Canada

*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 a TDFM-9000 Multiband Transceiver in accordance with Avionics Design Services Ltd. Master Drawing List MDL13015, Revision E, dated November 18, 2014, Transport Canada approved November 18, 2014 or later Transport Canada approved revisions.

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

Limitations and Conditions:

1. For an aircraft equipped with an autopilot, the TDFM-9000 series transceiver shall not be turned on with the autopilot engaged with the following exception: Operation is permitted if the aircraft is equipped with the HeliSAS stability augmentation system and autopilot in accordance with FAA STC numbers SR02346LA or SR02345LA.

(See Limitations and Conditions continued on Page 3 of 3)

*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: August 8, 2013

Date Reissued:

Date of Issuance: July 10, 2014

Date Amended: March 19, 2015, October 15, 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).



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# Supplemental Type Certificate

(Continuation Sheet)

Number: SR03448NY

Date amended: October 15, 2015

Description of Type Design Change (continued):

2. For AS350 B, B1, B2, B3, BA, D:
  - a. Operation must be in accordance with Technisonic Industries Limited Flight Manual Supplement FMS 13015-1, Revision N/C, Transport Canada approved November 7, 2014 or later Transport Canada approved revision.
  - b. Maintenance must be in accordance with Transport Canada accepted Technisonic Industries Limited Instructions for Continued Airworthiness document number ICA13015-1, Revision C, dated June 29, 2014, or later Transport Canada accepted revision.
3. For 206 A, A1, B, B1,L, L1, L3, L4:
  - a. Operation must be in accordance with Technisonic Industries Limited Flight Manual Supplement FMS 13015-2, Revision A, Transport Canada approved November 18, 2014 or later Transport Canada approved revision.
  - b. Maintenance must be in accordance with Transport Canada accepted Technisonic Industries Limited Instructions for Continued Airworthiness document number ICA13015-2, Revision C, dated June 29, 2014, or later Transport Canada accepted revision.

Limitations and Conditions (continued):

2.
  - a. A copy of this certificate and FAA AML No. SR03448NY must be maintained as part of the permanent records.
  - b. For an aircraft equipped with a autopilot, the TDFM-9000 series transceiver shall not be turned on with the autopilot engaged with the following exception: Operation is permitted if the aircraft is equipped with the HeliSAS stability augmentation system and autopilot in accordance with FAA STC numbers SR02346LA or SR02345LA
3. The installer must determine whether this design change is compatible with previously approved modifications.
4. If the holder agrees to permit another person to use the certificate to alter the product, the holder must give the other person written evidence of that permission.

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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).

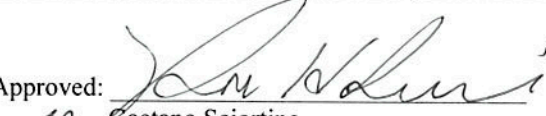


**FAA APPROVED MODEL LIST (AML) NO. SR03448NY**  
**Technisonic Industries Ltd.**  
**FOR**  
**Installation of TDFM-9000 Multiband Transceiver**

Original Issue Date: July 10, 2014

PART	REGU- LATION	MAKE	MODEL	TCDS	REQUIRED DOCUMENTATION			AML AMENDMENT DATE
					INSTALLATION INSTRUCTIONS	INSTRUCTIONS for CONTINUED AIRWORTHINESS	Rotorcraft Flight Manual Supplement	
27	Federal Aviation	Airbus Helicopters	AS 350 B, B1, B2,B3, BA, D	H9EU	Technisonic Industries Ltd. Installation Instructions, No. 11RE- 442, Revision B, Issue 2 dated October 28, 2013 or later Transport Canada approved revision.	Technisonic Industries Ltd. Instructions for continued Airworthiness No. ICA13015-1, Revision C, dated June 29, 2014 or later Transport Canada accepted revision.	Technisonic Industries Ltd. Flight Manual Supplement No. FMS13015-1, Revision N/C, Transport Canada approved November 7, 2014 or later Transport Canada approved revision.	October 15, 2015
27	Federal Aviation	Bell Helicopter Textron Canada Limited	206, A, A1, B, B1, L, L1, L3, L4	H2SW	Technisonic Industries Ltd. Installation Instructions, No. 11RE- 442, Revision B, Issue 2 dated October 28, 2013 or later Transport Canada approved revision.	Technisonic Industries Ltd. Instructions for continued Airworthiness No. ICA13015-2, Revision C, dated June 29, 2014 or later Transport Canada accepted revision.	Technisonic Industries Ltd. Flight Manual Supplement No. FMS13015-2, Revision A, Transport Canada approved November 18, 2014 or later Transport Canada approved revision.	October 15, 2015

FAA Approved:

  
Gaetano Sciortino  
Manager, New York  
Aircraft Certification Office