

United States of America  
Department of Transportation -- Federal Aviation Administration

# Supplemental Type Certificate

IMPORT

*Number* SR00811NY

*This certificate issued to* Technisonic Industries Limited  
240 Traders Blvd. E.  
Mississauga, ON, CN L4Z 1W7

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

*Original Product -- Type Certificate Number :* \*  
*Make :* \*  
*Model :* \*

\*See attached FAA Approved Model List (AML)  
No. SR00811NY for list of approved airplane models and  
applicable airworthiness regulations.

*Description of Type Design Change:*

All TFM-138 series transceiver models are manufactured to TIL Engineering Release 921012, Revision B, dated November 24, 1997. The TFM-403 is manufactured to TIL Engineering Release 941059, Revision A, dated October 27, 1999. The TFM-500 is manufactured to TIL Engineering Release 971083, Revision N/C, dated March 16, 1999. The TFM-30 is manufactured to TIL Engineering Release 961082, Revision N/C, dated April 19, 1999. The Remote Control RC-500 model is manufactured to TIL Engineering Release 991097, Revision N/C, dated November 17, 1999. The TDFM-136 is manufactured to TIL Engineering Release 981087, Revision N/C, dated January 13, 2000. The TFM-550 is manufactured to TIL Engineering Release 991095, Revision N/C, dated March 1, 2000. The RC-550 is manufactured to TIL Engineering Release 991099, Revision N/C, dated March 27, 2000. The ATC-550 is manufactured to TIL Engineering Release 991102, Revision N/C, dated March 20, 2000. The TDFM-600/6000 series VHF/UHF Low/UHF High/800 MHz Multi-band Transceiver is manufactured to TIL Engineering Release 011210, Revision N/C, dated April 22, 2002. The Remote Control RC-6000 Model is manufactured to TIL Engineering Release 021213, Revision N/C, dated October 17, 2002. The TFM-530 VHF/VHF Low FM Multi-band Transceiver is manufactured to TIL Engineering Release 031216, Revision N/C, dated April 2003. The TFM-566 VHF/VHF Low FM Multi-band Transceiver is manufactured to TIL Engineering Release 031217, Revision N/C, dated April 2003.

(See Continuation Sheets 2 and 3)

*Limitations and Conditions :*

1. Compatibility of this design change with previously approved modifications must be determined by the installer.  
(See Continuation Sheets 2 and 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 :* December 23, 1997

*Date reissued :* December 2, 2002

*Date of issuance :* March 24, 1998

*Date amended :* February 5, 1999; February 15, 2000  
November 8, 2000, October 21, 2002,  
January 29, 2003, August 8, 2003,  
February 25, 2004



*By direction of the Administrator*

*Vito A. Pulera*  
(Signature)

for Vito A. Pulera  
Manager, New York Aircraft Certification Office

(Title)

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

United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* SR00811NY  
Date of Amendment: February 25, 2004

*Description of Type Design Change:* (Continued)

Configuration 1: Installation of Technisonic Industries Limited TFM-138, -138A, and -138B, (does not include TFM-138, s/n 1540 and up, TFM-138B, s/n 1500 and up) in accordance with TIL Installation and Operating Manual 95RE177, Revision E, dated April 1998.

Configuration 2: Installation of Technisonic Industries Limited TFM-138B, in accordance with TIL Installation and Operating Instructions Manual 97RE221, Revision N/C, dated November 1997.

Configuration 3: Installation of Technisonic Industries Limited TFM-138C, in accordance with TIL Installation and Operating Instructions Manual 96RE192, Revision B, dated January 1997.

Configuration 4: Installation of Technisonic Industries Limited TFM-138 (s/n 1540 and up with F10-B Software), in accordance with TIL Installation and Operating Instructions Manual 98RE229, Revision N/C, dated March 1998.

Configuration 5: Installation of Technisonic Industries Limited TFM-403, in accordance with TIL Installation and Operating Instructions Manual 95RE175, Revision A, dated July 1998.

Configuration 6: Installation of Technisonic Industries Limited TFM-500 in accordance with TIL Installation and Operating Instructions Manual 98RE243, Revision N/C, dated May 1999.

Configuration 7: Installation of Technisonic Industries Limited TFM-30 in accordance with TIL Installation and Operating Instructions Manual 98RE244, Revision N/C, dated August 1999.

Configuration 8: Installation of Technisonic Industries Limited RC-500 in accordance with TIL Installation and Operating Instructions Manual 99RE260, Revision N/C, dated January 2000.

Configuration 9: Installation of Technisonic Industries Limited TDFM-136 in accordance with TIL Installation and Operating Instructions Manual 99RE255, Revision A, dated March 2000.

Configuration 10: Installation of Technisonic Industries Limited TFM-550 in accordance with TIL Installation and Operating Instructions Manual 99RE262, Revision A, dated April 2000.

Configuration 11: Installation of Technisonic Industries Limited RC-550 in accordance with TIL Installation and Operating Instructions Manual 00RE270, Revision N/C, dated March 7, 2000.

Configuration 12: Installation of Technisonic Industries Limited ATC-550 in accordance with TIL Installation and Operating Instructions Manual 00RE269, Revision A, dated May 8, 2000.

Configuration 13: Installation of Technisonic Industries Limited TDFM-600/6000 VHF/UHF Low/UHF High (800 MHz Multi-band Transceiver) in accordance with TIL Installation and Operating Instructions Manual 01RE293, Revision C, dated August, 2002.

Configuration 14: Installation of Technisonic Industries Limited RC-6000, in accordance with TIL Installation and Operating Instructions Manual 02RE299, Revision A, dated November 2002, or later Transport Canada approved revisions.

(See Continuation Sheet 3)

United States of America  
Department of Transportation -- Federal Aviation Administration

**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* SR00811NY

Date of Amendment: February 25, 2004

*Description of Type Design Change (Continued):*

Configuration 15: Installation of Technisonic Industries Limited TFM-530 VHF/VHF Low FM Multi-band Transceiver, must be in accordance with TIL Installation and Operating Instructions Manual 03RE317, Revision B, dated September 2003, or later Transport Canada approved revisions.

Configuration 16: Installation of Technisonic Industries Limited TFM-566 VHF/VHF Low FM Multi-band Transceiver, must be in accordance with TIL Installation and Operating Instructions Manual 03RE318, Revision B, dated September 2003, or later Transport Canada approved revisions.

*Limitations and Conditions (continued):*

3. 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.
4. The Technisonic Industries Limited TDFM-600/6000 Series VHF/UHF Low/ UHF High/800 MHZ Multi-band Transceiver and RC-6000 Remote Control Head must be maintained in accordance with TIL Instructions for Continued Airworthiness MMS02090-1, Revision N/C, accepted December 5, 2002, or later Transport Canada approved revisions.
5. Maintenance of the TFM-530 and TFM-566 VHF/VHF Low FM Transceiver must be in accordance with Technosonic Industries Limited Instructions for Continued Airworthiness MMS03055-2, Revision N/C, accepted October 7, 2003, or later Transport Canada approved revisions, must be maintained as part of the permanent records for the modified aircraft.

.....END.....

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

FAA APPROVED MODEL LIST (AML) NO. SR00811NY  
 Technisonic Industries Limited

For

Installation of the TFM-30, -138, -138A, -138B, -138C, -403, -500, 530 and 566, RC-500, TDFM-136, TFM-550, RC-550, ATC-550, TDFM-600/6000 and RC-6000

Issue Date: March 24, 1998

| ITEM | AIRCRAFT MAKE                | AIRCRAFT MODEL                      | ORIGINAL TYPE CERTIFICATION NUMBER | CERTIFICATION BASIS FOR ALTERATION | AML AMENDMENT DATE |
|------|------------------------------|-------------------------------------|------------------------------------|------------------------------------|--------------------|
| 1    | Agusta (See note 1)          | AB412                               | H79EU                              | FAR 29                             | February 25, 2004  |
| 2    | Agusta                       | A109A, A109A II                     | H7EU                               | FAR 27                             | February 25, 2004  |
| 3    | Bell Helicopter Textron      | 204B, 205A-1                        | H1SW                               | CAR 7                              | February 25, 2004  |
| 4    | Bell Helicopter Textron      | 214B, 214B-1                        | H6SW                               | FAR 29                             | February 25, 2004  |
| 5    | Bell Helicopter Textron      | 212, 412                            | H4SW                               | FAR 29                             | February 25, 2004  |
| 6    | Bell Helicopter Textron      | 222, 222B/U, 230, 430               | H9SW                               | FAR 29                             | February 25, 2004  |
| 7    | Bell Helicopter Textron      | 206A, A-1, B, L, L-1, L-3, L-4, 407 | H2SW                               | CAR 6                              | February 25, 2004  |
| 8    | Boeing Defense & Space Group | 234                                 | H9EA                               | FAR 29                             | February 25, 2004  |
| 9    | Enstrom                      | 480                                 | H1CE                               | CAR 6                              | February 25, 2004  |
| 10   | Eurocopter Canada            | BO105 LS A-3                        | H6NE                               | FAR 27                             | February 25, 2004  |

FAA APPROVED MODEL LIST (AML) NO. SR00811NY  
 Technisonic Industries Limited

For  
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Installation of the TFM-30, -138, -138A, -138B, -138C, -403, -500, 530 and 566, RC-500, TDFM-136, TFM-550, RC-550, ATC-550, TDFM-600/6000 and RC-

Issue Date: March 24, 1998

| ITEM | AIRCRAFT MAKE             | AIRCRAFT MODEL                                       | ORIGINAL TYPE CERTIFICATION NUMBER | CERTIFICATION BASIS FOR ALTERATION | AML AMENDMENT DATE |
|------|---------------------------|--|------------------------------------|------------------------------------|--------------------|
| 11   | Eurocopter<br>Deutschland | BO105C, BO105S                                       | H3EU                               | FAR 27                             | February 25, 2004  |
| 12   | Eurocopter<br>Deutschland | BK117 A-1(D), A-3(D), A-4(D),<br>BK117B-1(D), B-2(D) | H13EU                              | FAR 29                             | February 25, 2004  |
| 13   | Eurocopter<br>France      | SA341 G  | H6EU                               | FAR 27                             | February 25, 2004  |
| 14   | Eurocopter<br>France      | SA315B, SA316B/C, SA319B,<br>SE3160                  | HIIN                               | CAR 6                              | February 25, 2004  |
| 15   | Eurocopter<br>France      | SA3180, SA318B/C, SE3130,<br>SE313B                  | 7H1                                | CAR 6                              | February 25, 2004  |
| 16   | Eurocopter<br>France      | AS332C/L,<br>SA330F/G/J                              | H4EU                               | FAR 29                             | February 25, 2004  |
| 17   | Eurocopter<br>France      | SA360C   | H8EU                               | FAR 29                             | February 25, 2004  |
| 18   | Eurocopter<br>France      | AS350B, B1, B2, B3, BA,<br>C, D, DI                  | H9EU                               | FAR 27                             | February 25, 2004  |
| 19   | Eurocopter<br>France      | SA365C, CI, N  | H10EU                              | FAR 29                             | February 25, 2004  |

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 Technisonic Industries Limited

For

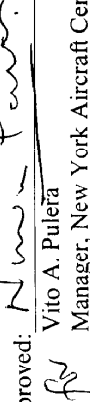
Installation of the TFM-30, -138, -138A, -138B, -138C, -403, -500, 530 and 566, RC-500, TDFM-136, TFM-550, RC-550, ATC-550, TDFM-600/6000 and RC-6000

Issue Date: March 24, 1998

| ITEM | AIRCRAFT MAKE                   | AIRCRAFT MODEL  | ORIGINAL TYPE CERTIFICATION NUMBER | CERTIFICATION BASIS FOR ALTERATION | AML AMENDMENT DATE |
|------|---------------------------------|---|------------------------------------|------------------------------------|--------------------|
| 20   | Eurocopter<br>France            | AS355E, F, F1, F2   | H11EU                              | FAR 27                             | February 25, 2004  |
| 21   | Karman<br>Aerospace             | K1200   | TR7BO                              | FAR 27                             | February 25, 2004  |
| 22   | McDonnell Douglas<br>Helicopter | 369, 369A, 369H, 369HM,<br>369HS, 369HE, 369D, 369E,<br>369F, 369FF, 500N, 600N | H3WE                               | CAR 6                              | February 25, 2004  |
| 23   | Robinson                        | R44   | H11NM                              | FAR 27                             | February 25, 2004  |
| 24   | Sikorsky                        | S-61L, N  | IH15                               | CAR 7                              | February 25, 2004  |
| 25   | Sikorsky                        | S-76A, C  | HINE                               | FAR 29                             | February 25, 2004  |
| 26   | Eurocopter<br>France            | EC120B  | R0001RD                            | FAR 27                             | February 25, 2004  |

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Note 1: This model (Agusta AB412) is approved for Configuration 6 and 8 only.

FAA Approved:   
 for Vito A. Pulefa  
 Manager, New York Aircraft Certification Office

Amendment Date: February 25, 2004