



Supplemental Type Certificate

This approval is issued to:

Alpine Aerotech LP
1260 Industrial Road
West Kelowna, BC
Canada V1Z 1G5

Number: SH19-47

Issue No.: 2

Approval Date: October 28, 2019

Issue Date: May 31, 2021

Responsible Office:

Prairie and Northern

Aircraft/Engine Type or Model:

Bell 205A-1, 212

Canadian Type Certificate or Equivalent:

H1SW (Bell 205A-1), H-86 (Bell 212)

Description of Type Design Change:

Basic Digital Flight Instrument Kit Installation

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

Bell 212 Configuration

Installation of the Basic Digital Flight Instrument Kit must be done in accordance with Transport Canada Civil Aviation (TCCA) approved Alpine Aerotech Installation Instructions AAL-280-045-001, Rev. B, dated 13 January 2021, or later TCCA approved revisions.

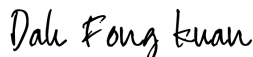
Operation of the Basic Digital Flight Instrument Kit must be in accordance with TCCA approved Alpine Aerotech Flight Manual Supplement AAL-280-045-401, Rev. A, dated 25 March 2021, or later TCCA approved revisions.

Maintenance of the Basic Digital Flight Instrument Kit must be in accordance with TCCA accepted Alpine Aerotech Instructions for Continuing Airworthiness AAL-280-045-701, Rev. D, dated 25 March 2021, or later TCCA accepted revisions.

(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.

DocuSigned by:


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Dah Fong Kuan
For Minister of Transport



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

Bell 205A-1 Configuration

Installation of the Basic Digital Flight Instrument Kit must be done in accordance with Transport Canada Civil Aviation (TCCA) approved Alpine Aerotech Installation Instructions AAL-280-075-001, Rev. NI, dated 20 April 2021, or later TCCA approved revisions.

Operation of the Basic Digital Flight Instrument Kit must be in accordance with TCCA approved Alpine Aerotech Flight Manual Supplement AAL-280-075-401, Rev. NI, dated 20 April 2021, or later TCCA approved revisions.

Maintenance of the Basic Digital Flight Instrument Kit must be in accordance with TCCA accepted Alpine Aerotech Instructions for Continuing Airworthiness AAL-280-075-701, Rev. NI, dated 20 April 2021, or later TCCA accepted revisions.

Airworthiness Limitations: Installation of the Basic Digital Flight Instrument Kit is limited to helicopters certified for Day/Night VFR operations only.

Definition of Type Design Change: TCCA approved Alpine Aerotech Master Data List AAL-280-044-001, Rev. G, dated 20 April 2021, or later TCCA approved revisions.

Basis of Certification for Affected Areas: The following is a list of the applicable regulations for this change:

- 14 CFR Part 29.29, 29.301, 29.303, 29.305, 29.307, 29.561, 29.601, 29.603, 29.605, 29.607, 29.609, 29.611, 29.613, 29.619, 29.625, 29.773(a), 29.777(a), 29.853(a), 29.1301, 29.1303, 29.1307(d)(e), 29.1309, 29.1321, 29.1327, 29.1331, 29.1333, 29.1351(a), 29.1353(c), 29.1355, 29.1357, 29.1359, 29.1381, 29.1431, 29.1529, 29.1541, 29.1555(a), 29.1581, 29.1583, 29.1585 at Amendment 29-0
- 14 CFR Part 29.771(a) at Amendment 29-3
- AWM 529.1301-1 at AWM 529-0

– End –

