

Supplemental Type Certificate

Number STC-497-TYO

1. *Kind of aircraft*; Rotorcraft
2. *Model of aircraft*; Bell Model 407
3. *Airworthiness category*; Rotorcraft, Normal Category
4. *Content of Supplemental Type Design*;
Installation of engine inlet barrier filter (IBF) system
5. *Name or title of designer*; Donaldson Company, Inc.
6. *Address of designer*; 17891 Chesterfield Airport Road Chesterfield, MO 63005 U.S.A
7. *Remarks*;
Drawing; Master Data List AFS-BH407-IBF-KIT-MDL Revision Q ,or
later revisions
Certification Basis; Certification Basis specified on the Japanese Type
Certificate Data Sheet No.81 for Bell model 407.
Flight Manual Supplement; ROTORCRAFT FLIGHT MANUAL
SUPPLEMENT, THE INLET BARRIER FILTER
SYSTEM, Supplement
No.AFS-BH407-IBF-KIT-FMS Rev. E
or later revisions.
Classification of Work; Minor Alteration
Reference; FAA STC No.SR09368RC dated November 21, 2017.
8. *This is to certify that the above-mentioned supplemental type design complies with the standards of Article 10
paragraph 4 of Civil Aeronautics Law of Japan.*

YOSHIDA Kouichirou

Director-General of East Japan Civil Aviation Bureau

Date of issue; September 23, 2020