Pratt & Whitney Engine Services, Inc.
DPHM Solutions
249 Vanderbilt Avenue
Norwood, MA 02062
(781) 762-8600 Fax: (781) 762-2287

To: Cetecom, Inc.,

Re: PTCRB Project Request 59306

Date: 06/14/2017

Exhibit D: Statement of equivalence between two FAST part numbers for certification.

Product Designation:

Manufacturer:	Pratt & Whitney Engine Services, Inc.
	249 Vanderbilt Avenue
	Norwood, MA 02062 USA
Marketing Name:	FAST^{TM} (Flight-data, Acquisition, Storage & Transmission)
Part # / Rev:	FAST-A-010-3 / E
	FAST-A-010-4 / E
FCC ID:	2AJ6A-FAST34E
IC_ID:	22451-FAST34E

Product Overview:

The product being submitted for PTCRB testing and registration is identified by Pratt & Whitney Engine Services, Inc., as having two variations as follows:

FAST-A-010-3 – Collects and wirelessly transmits following end of flight, full engine performance data

FAST-A-010-4 – Collects and wirelessly transmits following end of flight, summary engine performance data only.

These two product models are identical in terms of the included electronics and packaging. The FAST-A-010-4 contains a wire strap, soldered in place on the main processor board in the product. The wireless radios, both Cellular and Wi-Fi and the circuit board they are mounted on are identical between the two variations of the product.

It is PWES goal for PTCRB to certify both part numbers under the same registration with PTCRB.

The FAST product uses the global cellular network and customer provided wireless LAN access points for data communication between the FAST and the P&WC ground station servers across the open internet. These terrestrial communication links are only used when the aircraft is on the ground with the engines shut-down. FAST does not support any voice communications modes of operation and presently does not use SMS.