American Testing Services, Ltd.

AS 9100 CERTIFIED

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TESTING CERT #2855.01

GE Aviation
S-400 Code 63311
Exp. 3/31/2020

Metallurgical Laboratory Report

Report to: MagnetPal
11616 Hawthorne Blvd.
Unit 104
Hawthorne, CA 90250
Attn.: Craig McManis

Date: 1-May-2018
P.O. No.: CC
Lab Report No.: Met-8445
Page 1 of 3

Report on: Three magnets submitted for magnetic strength testing.

Sample Identification: Three magnets, A, B, & C

Test Procedure: Room temperature tensile loading was conducted in accordance with ASTM E8/E8M-16a, by applying tensile load and recording the maximum value.

Test Summary: The magnetic tensile load testing indicates that the three magnets comply with the customer's 14lbs minimum load requirement.

American Testing Services, Ltd.
Elizabeth Gardner
Elizabeth Gardner, Materials Science Engineer

American Testing Services, Ltd.

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Tensile Load Set-up:

The picture above shows the set-up for the load testing of each magnet. A tensile load was applied and the maximum load was recorded for the magnet to remain in contact with the bolt.

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Test Results:

Magnetic Tensile Load Testing:

Sample Identification	Maximum Load, lb.
Magnet A	15.6
Magnet B	15.3
Magnet C	15.2
Customer Requirement	14 minimum.

All three magnets comply with the customer's load requirement of 14lbs minimum.