U.S. Department
of Transportation
Federal Aviation Administration

Aircraft Certification Service
Compliance & Airworthiness Division

Atlanta ACO Branch
1701 Columbia Ave.
College Park, Georgia 30337

March 3, 2021

In Reply, Reference FAA Correspondence: #7A0-21-03120

Mr. Thomas Beach
Standards Engineer
Lifesaving Systems Corp.
220 Elsberry Road
Apollo Beach, FL 33572

Subject: TSOA Application

Dear Mr. Beach,

This is in reply to your letter on February 5, 2021, requesting minor change approval for an added non-TSO function to your rescue harness part number 490-H[ ]. This letter revises and supersedes the original TSO authorization letter of October 14, 2017. We accept your statement certifying that your article meets the requirements of TSO-C167 and that you meet the requirements of Title 14 of the Code of Federal Regulations (114 CFR) part 21, subpart O.

We also accept the data you submitted in support of the non-TSO functions listed in attachment 1 on a non-interference basis.

Effective this date, we authorize you to identify the following rescue harnesses with the marking requirements defined in 14 CFR 21.616(d) and in TSO-C167.

Part Number	Description
490-H [ ]	Triton II Rescue Harness
490-H [ ] Q	Triton Harness with Quad-LOK Release

We consider your quality system, as defined in your quality control manual revision K dated September 3, 2019, satisfactory for production of this article at your Apollo Beach, Florida facility. Lifesaving Systems Corp. must furnish the following statement to the original owner or installer of each article (or multiple articles if furnished to one source):

> The conditions and tests required for TSO approval of this article are minimum performance standards. Those installing this article either on or within a specific type of class of aircraft must determine that the aircraft installation conditions are within the TSO standards which include any accepted integrated non-TSO functions. TSO articles and any accepted integrated non-TSO function(s) must have separate approval for installation in an aircraft. The article may be installed only according to 14 CFR part 43 or the applicable airworthiness requirements.

Pursuant to 14 CFR 21.618 the following deviation requests were evaluated and granted by the FAA:

Requirement	Deviation
SAE AS8043 Rev A Para. 6.4.1	Comply with SAE AS8043 Rev B
SAE AS8043 Rev A Para. 10.5	Comply with LSC Test Plan F-730-497-H-3

This TSO authorization, issued pursuant to 14 CFR 21.611, is effective until surrendered, withdrawn or otherwise terminated under the provisions of 14 CFR 21.613. With notice we may withdraw this TSO authorization if articles are not in compliance with the applicable TSO performance standards pursuant to 14 CFR 21.2.

You must provide one copy or online access to data listed as a furnished data requirement in the TSO to the original owner/installer of each article or multiple articles if furnished to one source (e.g., an operator, type certificate holder, or repair station).

You must obtain FAA approval before making any changes to the location of your manufacturing facilities pursuant to 14 CFR 21.609(b).

Without further FAA approval, we do not allow a manufacturer to mark articles after it changes its company name, address, or ownership. You must notify the ACO and MIDO of name, address, proposed ownership changes.

Pursuant to 14 CFR 21.614, a holder of a TSOA may not transfer it. If you wish to transfer it, you must request a transfer from the FAA.

As recipient of this approval, except as provided in § 21.3(d), you are required to report any failure, malfunction, or defect in any product or part manufactured by you that you have determined has resulted or could result in any of the occurrences listed in § 21.3(c). The report should be communicated initially by telephone to the Manager, Atlanta ACO Branch, telephone number (404)-474-5500, within 24 hours after it has been determined that the failure has occurred. In addition, written notification to the Certification Office, at 9-ASO-ATLCOS-Reporting@faa.gov is required. FAA Form 8010-4 (Malfunction or Defect Report) or any other appropriate format is acceptable in transmitting the required details.

Send to the office below any design change(s) for this TSO article as outlined in 14 CFR 21.619(a). You must notify us of minor design changes within 90 days. Also, as recipient of this authorization, we require you to report any failure, malfunction, or defect relating to articles produced under this authorization pursuant to 14 CFR 21.3.

Please note that technical data the FAA retains may be subject to Freedom of Information Act (FOIA) requests. This office will notify you of any request(s) pertaining to your data and give you the opportunity to protect the data from public disclosure.

If you have any questions regarding this authorization, contact Dan McCully by email at William.Mccully@faa.gov or by phone at 404-474-5548.

Sincerely,

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Date: 2021.03.03 12:09:39 -05'00'

(for)
Christina M. Underwood
Manager, Atlanta ACO Branch

CC:

1. Jeffrey Jackiewicz, Orlando FSDO

Attachment:

1. Non-TSO functions