



U.S. Department
of Transportation
**Federal Aviation
Administration**

Office of Airport Safety and
Standards

800 Independence Ave., SW
Washington, DC 20591

DEC 14 2011

Mr. Christian Svensson
Managing Director
Scandinavian Airport
and Road Systems AB (SARSYS)
Box 31
SE-231 21 Trelleborg
SWEDEN

Dear Mr. Svensson:

I am happy to inform you that the SARSYS Friction Tester Transporter (SFTT) has been found to meet all requirements by the Federal Aviation Administration (FAA) for performing airport pavement friction tests for both maintenance and operational purposes.

Your certification to us outlining compliance to FAA Advisory Circular (AC) 150/5320-12C, Measurement, Construction, and Maintenance of Skid-Resistant Airport Pavement Surfaces, is hereby acknowledged as well as the approval by the Swedish Transportation Institute Agency (Civil Aviation Department). We also acknowledge identical system electronics and friction measurement systems to previously approved SARSYS Volvo SVFT and Saab SFT. Since this is an added model designation, a change in the AC will be necessary. You may rely upon this letter as confirmation of FAA approval of the new model until the AC is changed.

Please feel free to refer any questions regarding FAA approval to me. I may be reached at (202) 267-7669, or by email to John.Dermody@faa.gov.

Sincerely,

John R. Dermody, P.E.
Manager, Airport Engineering
Division, AAS-100



NORDIC DELEGATION TO THE INTERNATIONAL CIVIL AVIATION ORGANIZATION

DENMARK · FINLAND · ICELAND · NORWAY · SWEDEN

Montreal, 14 June 2012

Scandinavian Airport and Road Systems (SARSYS) AB

Approvals of friction measuring equipment

In response to your enquiry, I can inform you that the International Civil Aviation Organization (ICAO) does not issue any approvals of friction measuring equipment. Any approval that may be given will be issued by the national authority where the equipment is manufactured and/or where the equipment is to be used.

ICAO has issued some guidance material related to friction measuring equipment which is contained in Attachment A to Annex 14 to the Chicago Convention and in Part 2 of the Aerodrome Services Manual (Doc 9137). In the context of this material, the SARSYS Surface Friction Testers should be referred to as Surface Friction Tester Vehicle, e.g. in table A-1 of Attachment A to Annex 14.

Sincerely,

Kurt Lykstoft Larsen

Representative of the Nordic States to the Council of ICAO



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Date
3 October 2011Reference
TSL 2011-4605SARSYS AB
Att. Christian Svensson
Box 31
SE-231 21 Trelleborg

Approval of the SARSYS Friction Tester Transporter (SFTT)

Transportstyrelsen are pleased to confirm that the SARSYS Friction Tester Transporter (SFTT), which is based on a VW Transporter automobile, primarily designed to measure airport runway friction, is now approved for airport use in Sweden by the Civil Aviation Department of the Swedish Transport Agency (SCAA). The SFTT is approved both for maintenance and operational runway friction measurements.

The Swedish National Road and Transport Research Institute (VTI) have tested the SFTT against a Transportstyrelsen approved reference vehicle at Tallheden Lv. 976 and Sturup. The SFTT has been tested on thin ice and packed snow surface conditions and shown good correlation with the reference vehicle up to friction levels around 0.25. Wet asphalt tests were conducted at Sturup airport. The friction coefficient range obtained during these tests has been 0.82 to 0.94. The SFTT show good correlation with the reference vehicle on these tests. Intermediate friction levels (between 0.4 and 0.5) have not been tested. However, due to large similarities between the two vehicles there are no indication that the intermediate test result would be different than the result on thin ice and packed snow. Test results are presented in a VTI test report Dnr 2011/0166-202, dated 20 September 2011.

Any significant changes to the SFTT design must be reported to, and approved by the SCAA.

Invoice for the evaluation costs will be sent separately to SARSYS AB.

Yours sincerely,



Anders Andersson
Certification Specialist