



File Code: 5110 (O880-03)

Date: September 9, 2020

Bret Dooley  
Spanish Fly Racing  
4794 W Case jet  
Prescott, AZ 86305

Reference File No. O880-03

Dear Bret Dooley

Evaluation is complete on the Spanish Fly Racing TRS-1 screen type spark arrester submitted for qualification by waiver. Additional testing on the Spanish Fly Racing TRS-1 spark arrester is not necessary as the listed modifications do not significantly affect the spark arrester or exhaust system.

The Spanish Fly Racing TRS-1 meets the requirements of the United States Department of Agriculture (USDA) Forest Service Standard 5100-1D, "Spark Arresters for Internal Combustion Engines." The Spanish Fly Racing TRS-1 is qualified for an engine of less than 50 hp. The Spanish Fly Racing TRS-1 was submitted as a modification of the previously qualified Spanish Fly ST-3 spark arrester. The new unit will be listed in the Spark Arrester Guide as follows:

<b>Manufacturer &amp; Model</b>	<b>Position</b>	<b>Rated Flow</b>	<b>Remarks</b>
Spanish Fly Racing TRS-1	N/A	N/A	Screen type

Qualification only indicates that the unit meets USDA Forest Service Standard 5100-1D. Qualification does not imply endorsement of the unit or approval of any other unit by the Forest Service. The stated identification is for the unit submitted. The Forest Service assumes no responsibility for infringement of patent or copyright, for misuse of manufacturer's name, or for other misrepresentation in connection with any use made of this qualification.

Sincerely,

Kristel Johnson

Acting Assistant Director, USFS National Technology and Development Program

Enclosure: Waiver Qualification - Summary

CC: Matthew Von Bargaen

**USDA Forest Service – Technology and Development Program**

**Waiver Qualification - Summary**

<b>New model</b>			
1.	Spark arrester manufacturer	Spanish Fly Racing	
2.	Model ID	TRS-1	
3.	Horsepower of application engine for new spark arrester	<50 hp	
<b>Previously qualified model</b>			
4.	Spark arrester manufacturer	Spanish Fly	
5.	Model ID	ST-3	
6.	File code	O880-1	
7.	Date of qualification	3/28/2019	
<b>Description of differences between models</b>			
<b>New model</b>	<b>TRS-1</b>	<b>Old model</b>	<b>ST-3</b>
Screen is unchanged, aluminum body is slightly modified from ST-3			
<b>Qualification Status</b>			
This unit is <b>qualified</b> when equipped as described above. A modification of design will nullify qualification.			

Evaluated by: Matthew Von Bargaen

Evaluation Date: September 9, 2020