



United States
Department of
Agriculture

Forest
Service

Washington Office-
National Technology and
Development Program

5785 Highway 10 West
Missoula, MT 59808

444 East Bonita Ave
San Dimas, CA 91773

File Code: 5110 (O880-01)

Date: May 9, 2019

Bret Dooley
Spanish Fly Racing, Inc.
4794 W. Case Jct.
Prescott, AZ 86305

Reference File No. O880-01

Dear Bret Dooley:

Testing is complete on the Spanish Fly Racing GGT-2, ST-3, & BT-3 screen type spark arrester submitted for qualification testing.

The Spanish Fly Racing GGT-2, ST3, & BT-3 screen type spark arrester was tested in accordance with the United States Department of Agriculture (USDA) Forest Service Standard 5100-1D, "Spark Arresters for Internal Combustion Engines." The Spanish Fly Racing GGT-2, ST3, & BT-3 is qualified for an engine of 50 horsepower or less with an exhaust port of 1.850 in² or less in size. A summary of the test results is attached. This unit will be listed in the Spark Arrester Guide as follows:

Manufacturer & Model	Position	Maximum allowable "smallest opening"	Remarks
Spanish Fly Racing GGT-2, ST3, & BT-3	Horizontal	1.850 in ²	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

WILLIAM TRENT

Digitally signed by WILLIAM TRENT
Date: 2019.05.13 14:55:13 -06'00'

ALEX M. GAVRISHEFF
Director, National Technology & Development Program

Enclosure: Summary of Test Results

cc: Matthew Von Bargaen





USDA Forest Service – Technology and Development Program

Summary of Test Results

The screen type spark arrester qualification test was performed in accordance with the USDA Forest Service Standard 5100-1D, "Spark Arresters for Internal Combustion Engines."

Basic information	
1. Spark arrester manufacturer	Spanish Fly Racing
2. Model ID	GGT-2, ST3, & BT-3
Specifications for Engine Spark Arrester is Qualified For	
3. Horsepower (hp)	<50
4. Maximum allowable sized exhaust port this spark arrester can be used on (in ²)	1.850
Exhaust system examination results	
5. Measured screen opening size (in ²)	.019
6. Effective exhaust area of screen (in ²)	3.7
7. Screen material designation	AISI 304 Stainless Steel
8. Text of ID markings	Model GGT-2, ST3, or BT-3 Screen Type Spark Arrester Spanish Fly Racing
Technician Name: Matthew Von Bargen	
Test Date: April 30, 2019	

