# Leader 480 ARF

**Assembly Manual** 





#### **Table of Contents**

Notice	2
Meaning of Special Language	2
Warnings	
Introduction	3
Important Information Regarding	
Warranty Information	3
Specifications	3
Using the Manual	3
Contents of Kit/Parts Layout	3
Covering Colors	
Hardware/Accessory Sizes	
Recommended Radio Equipment	
480 Motor Setup	
Optional Accessories	
Required Tools and Adhesives	4
Before Starting Assembly	4
Hinging the Ailerons	
Aileron Servo Installation	
Rudder and Elevator Servo Installation	8
Nose Gear Installation	10
Receiver Installation	
Motor and Speed Control Installation	12
Cowling and Spinner Installation	13
Main Landing Gear Installation	15
Wing Installation	
Stabilizer Installation	17
Vertical Fin Installation	18
Rudder and Elevator Installation	19
Motor Battery Installation	22
Optional Pilot Installation	22
Center of Gravity	
Control Throws	24
Preflight	
Range Test Your Radio	25
Flying Your Model	25
Daily Flight Checks	26
Warranty and Repair Policy	26
Warranty Services	27
Compliance Information for the European Union	27
Academy of Model Aeronautics	
National Model Aircraft Safety Code	28

#### Introduction

The nimble Leader 480 park flyer is a fun-to-fly sport plane that is ideal for anyone interested in precision aerobatics. Its light wing loading will put any intermediate pilot at ease when flying the slow side of the envelope. But if you really want to wring it out, its symmetrical airfoil and classic pattern plane lines will allow you to fly precision aerobatics with the best of them.

Assembly is so simple, you could easily have it flight-ready in a single evening. Plus, it's small enough you can put it in the backseat or trunk of your car and fly it most anywhere park flyers are allowed.

# Important Information Regarding Warranty Information

Please read our Warranty and Liability Limitations section before building this product. If you as the Purchaser or user are not prepared to accept the liability associated with the use of this Product, you are advised to return this Product immediately in new and unused condition to the place of purchase.

#### **Specifications**

Wingspan:	43.0 in (1100mm)
Length:	42.4 in (1080mm)
Wing Area:	414 sq in (26.7 sq dm)
Weight with Battery:	39-41 oz (1110-1170 g)
	33–35 oz (935–990 g)

### Using the Manual

This manual is divided into sections to help make assembly easier to understand, and to provide breaks between each major section. In addition, check boxes have been placed next to each step to keep track of its completion. Steps with a single circle (O) are performed once, while steps with two or more circles (OO) indicate the step will require repeating, such as for a right or left wing panel, two servos, etc.

Remember to take your time and follow the directions.

## Contents of Kit/Parts Layout

#### **Replacement Parts**

EFL300001	Fuselage
EFL300002	Wing Set
EFL300003	Tail Šet
EFL300004	Cowling
EFL300005	Landing Gear Strut Set
EFL300006	Canopy Hatch
EFL300007	Main Wheel Set
EFL300008	Wing Tube
EFL300009	Hardware Package
EFL300010	Pushrod Set



# **Covering Colors**

True Red	HANU86
Deep Blue	HANU87
White	HANU87





© 2011 Horizon Hobby, Inc. horizonhobby.com www.e-fliterc.com

The Spektrum trademark is used with permission of Bachmann Industries, Inc.

E-flite, DSM, DSM2 and DSMX are trademarks or registered trademarks of Horizon Hobby, Inc.

All other trademarks, service marks and logos are the property of their respective owners.

31028 Created 02/2011