Enroll in ZSuite Under this Project Name:	TECS-AEROSPACE-Lv 4: Pilot in Command
Approved for 2024-25 Project Year	

Project Description: Complete your aerospace 4-H experience through creating an altitude tracker, determining fuel efficiency for commercial aircraft, exploring pilot certification, evaluating navigation systems and more!

REQUIRED YOUTH CURRICULUM
Pilot in Command: Stage 4 Aerospace Activity Guide (#06845), 2003
ZSuite 4-H Involvement Report
ZSuite 4-H Project Record Book

REQUIRED VOLUNTEER CLUB LEADER CURRICULUM
Flight Crew Helper's Guide (#06846), 2003

SUPPLEMENTAL RESOURCES
none

PROJECT COMPLETION CHECKLIST

	STATE REQUIREMENTS
	Complete a minimum of 7 required/optional activities, plus 3 Learning Experiences (pg.4) each year.
	Finish at least 20 of the required and optional activities within 3 years to pass each book.
	Have your project helper date (month and year) and initial each activity when it is finished.
	Complete the 4-H Project Record Book for this project in your ZSuite Member Account
	Fill out your 4-H Involvement Report in your ZSuite Member Account
	Give an oral presentation (speech, demonstration, or illustrated talk) to your 4-H peers on a topic related to this project. Recommended guidelines for length of oral presentations are: • Junior: 5-8 minutes • Intermediate: 8-10 minutes • Senior: 10-12 minutes
	Special Directions for Aerospace Exhibits: Engines and igniters are not permitted with the exhibit. Rockets and other models must be able to stand freely on their own or be supported on a wooden base. Do not display rockets on a launch pad, or at an angle. Select a different item to exhibit for your second and third year within a given book; members wishing to build another rocket may select a different style within that skill level. For original design rockets or other models, describe in an attached summary how the model was tested for stability prior to flying.

ADDITIONAL LOCAL REQUIREMENTS

	FAIR EXHIBIT CHECKLIST
	Completed Idaho 4-H Involvement Report (ZSuite)
	Completed Idaho 4-H Project Record Book for this project (ZSuite)

	One of the following exhibit options:
	• An item you made in this project. Include building plans in the exhibit. Some examples include:
	   ○ Rocket made from a kit (Skill Level 3 or 4)
	   ○ Handmade Box Kite
	   ○ Remote control airplane from a kit
	   ○ An advanced-level model rocket or airplane not built from a kit
	• A poster (14"x22") or display illustrating something you learned in this project this year.
	• A report of things you researched and learned this year.