

Hello 4-Her,

Congratulations on your work this year in the Kansas STEM projects (Astronomy, Computer Systems, Robotics, Rocketry, and UAS). Everyone is proud of you for the work you have invested in your project this year.

This year is also an unusual year for the Kansas State Fair and 4-H exhibits. Because all exhibits are being submitted for judging online we've had to modify the exhibit entry process. This packet is similar to the packet you would create for your exhibit, we just need some additional pictures from you so we can judge your exhibit.

Please fill out the following pages as completely as possible. If you have questions or need additional assistance in completing the pages, please use the contact page on the www.STEM4KS.com website. Extension staff and volunteers are here to help you have a successful and positive experience.

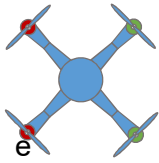
Please realize that this this document can get pretty big in size and can take a while to upload into the system. We ask the your and the county agents be patient uploading these forms. To keep the size smaller we recommend cropping images to only the relevant material.

Best wishes,

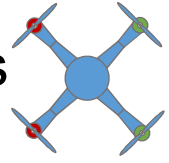
Tony Foster
STEM Project Division superintendent
Saline & Wabaunsee County Volunteer

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2020 4-H Unmanned Aerial Systems



This document supersedes and replaces all previous revisions of the form

NAME: _____ CLUB and
COUNTY or
DISTRICT: _____

YEARS IN PROJECT: _____ YEARS AT COUNTY FAIR EXHIBITING UAS: _____ 4-H AGE: _____

Please complete this form and glue to a 10 X 13 envelope. **Place plans, pages of photos, Video of Operation & other documentation inside the envelope.**

Systems Data:

Height: _____ Length: _____ Width: _____ Weight: _____

Power Source(s): _____

Longest flight time: _____

Included a video of you operating your Unmanned Aerial System? YES NO

Is this a scratch built Unmanned Aerial System? YES NO

(If NO skip the next two questions)

1. Instructions included for building your UAS? YES NO

2. Pictures showing construction of your UAS? YES NO

Was this Unmanned Aerial System purchased? YES NO

(If NO skip the next three questions)

1. Have you included a video, notebook, poster, display, etc.? YES NO

2. Does your UAS help address a practical application? YES NO

3. Describe the practical application in one (1) sentence: _____

Share your experience this year in the UAS project, it can be good or bad, your favorite part of the project. *Do not add additional pages.*

If additional components and/or modifications were made to the UAS that are not detailed in the plans, attach an additional sheet detailing them.

Additional information:

Link to video (required):

(A video of you operating your UAS for either scratch built or for it's practical application.)

Plans for your UAS: (for designed and constructed by exhibitor class)

If your UAS is entered in the Scratch Built class, you will provide a separate file in a Word (.doc or .docx), PowerPoint (.ppt or pptx), pdf, or image format of construction plans for your UAS. You can use the "Microsoft Print to PDF" printer under print function on a Windows 10 computer to save a file as a PDF.

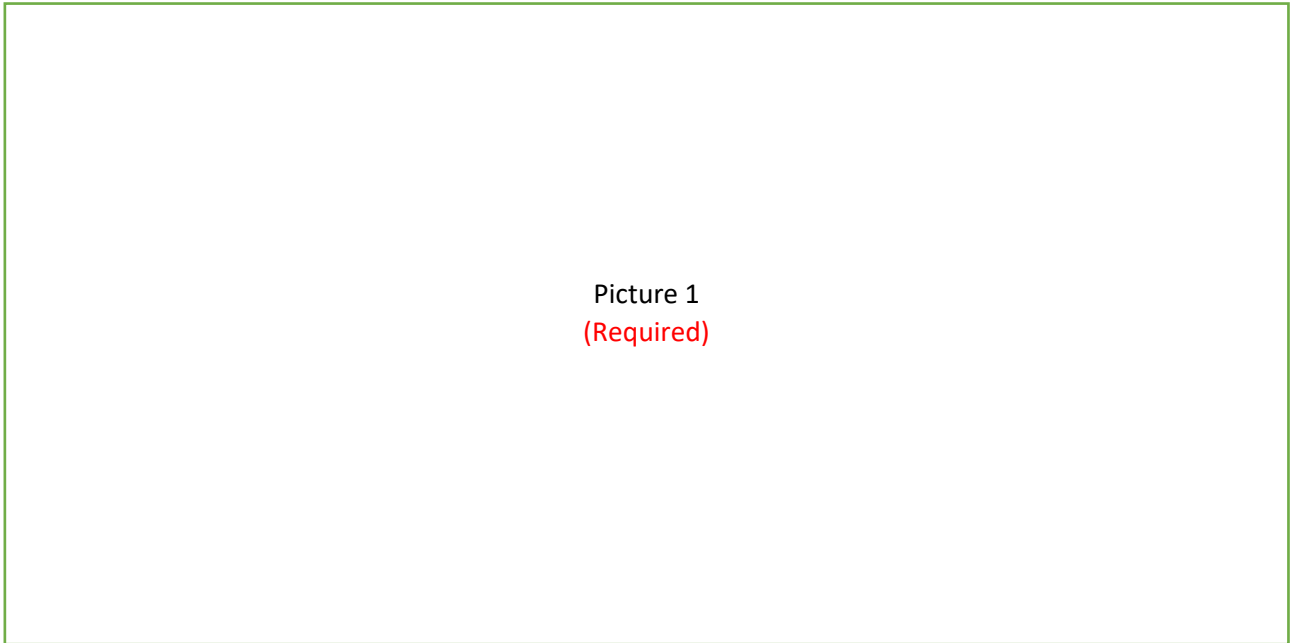
Practical Application (notebook, poster, display, etc.):

If your UAS is entered in the practical application class, you will provide a separate file in a Word (.doc or .docx), PowerPoint (.ppt or pptx), pdf, or image format of your notebook, poster, display board, etc. illustrating how you applied the use of your UAS. You can use the "Microsoft Print to PDF" printer under print function on a Windows 10 computer to save a file as a PDF.

[4]

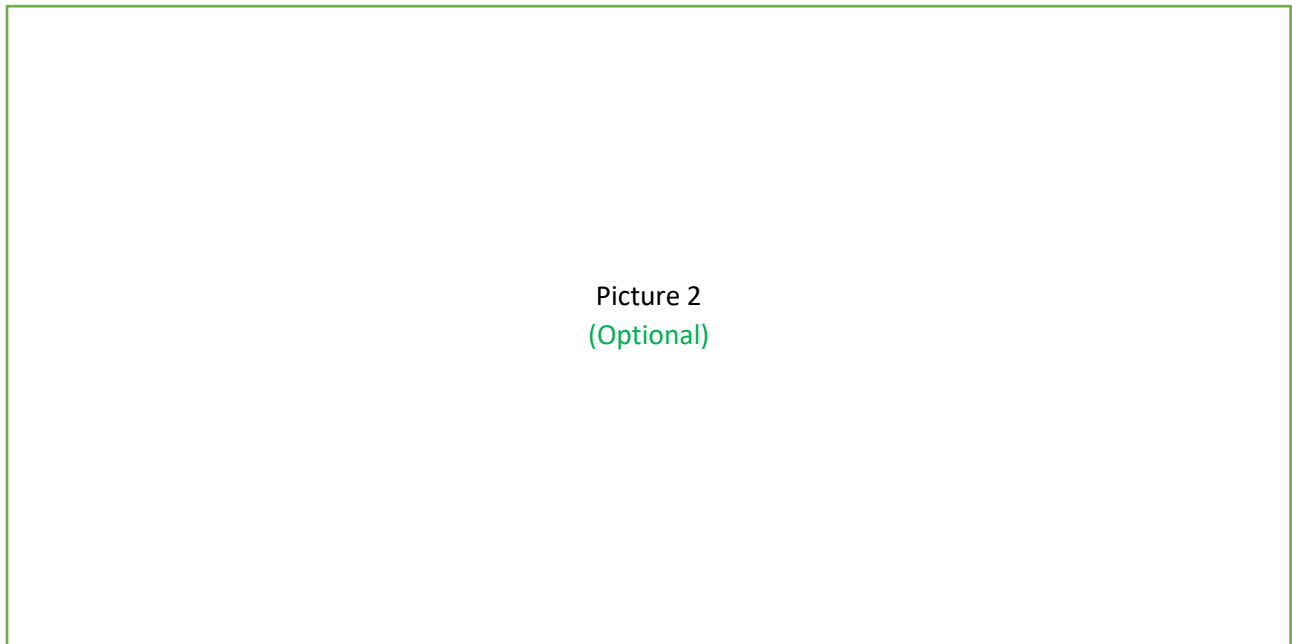
Pictures – 1 of 3

(One or more photographs of the UAS)



Picture 1
(Required)

Description:

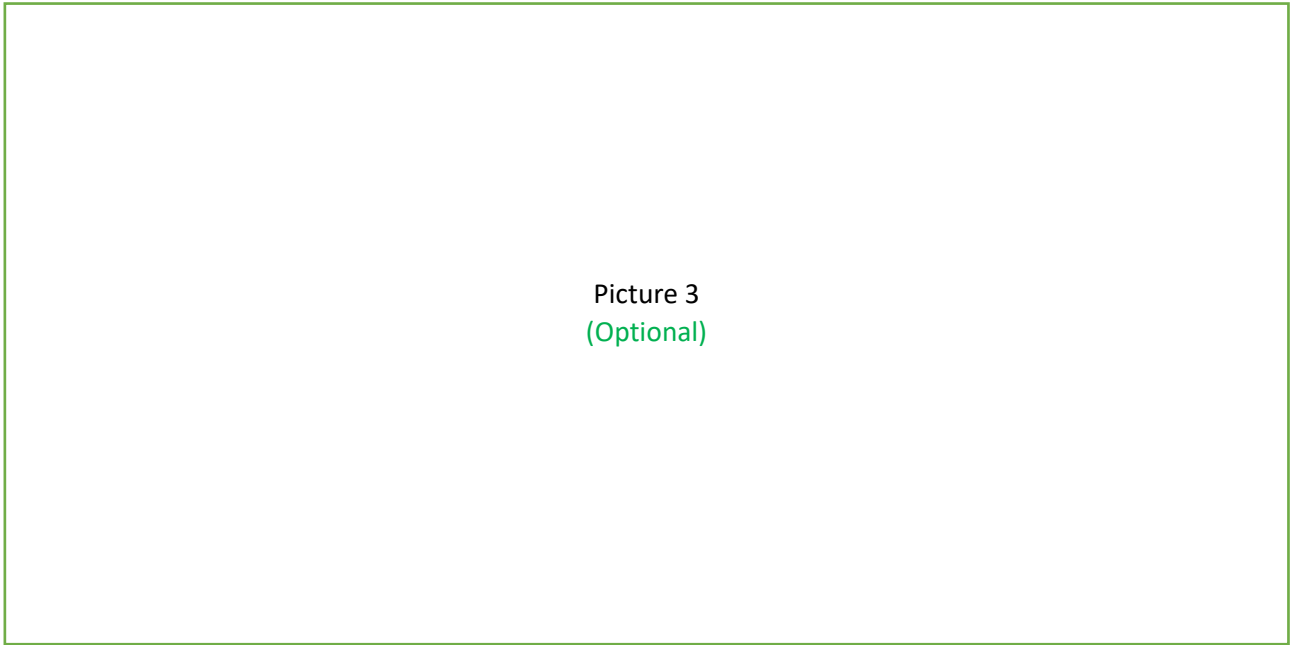


Picture 2
(Optional)

Description:

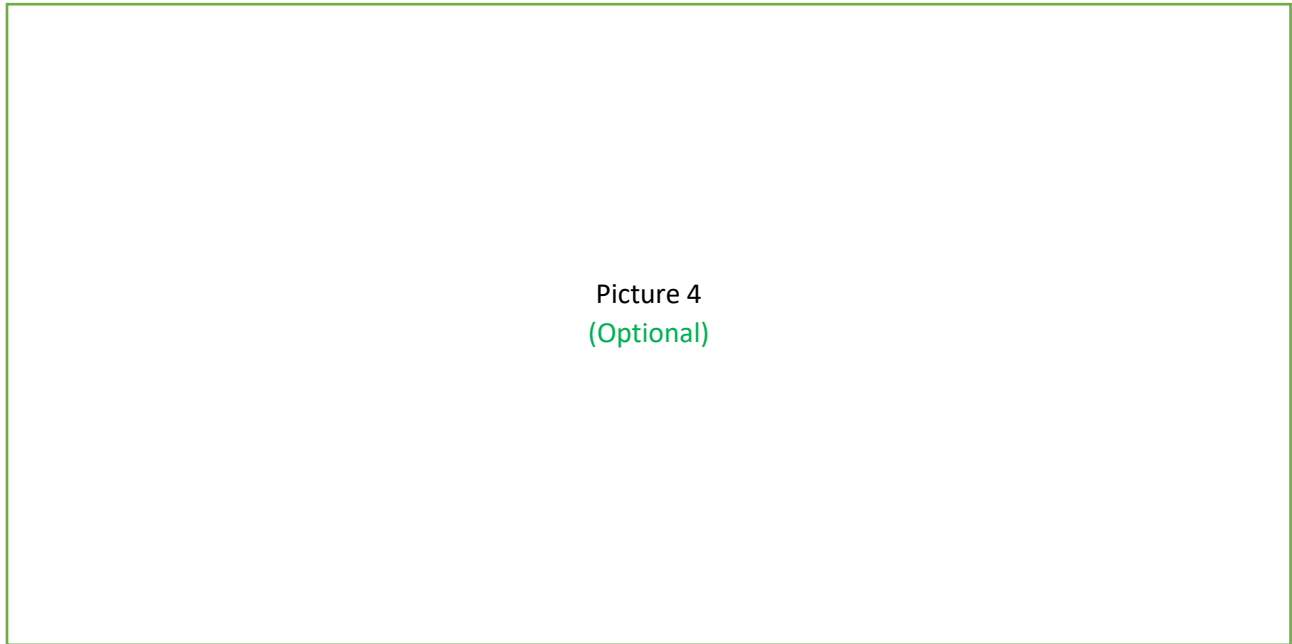
[5]

Pictures – 2 of 3 (optional)
(One or more photographs of the UAS)



Picture 3
(Optional)

Description:

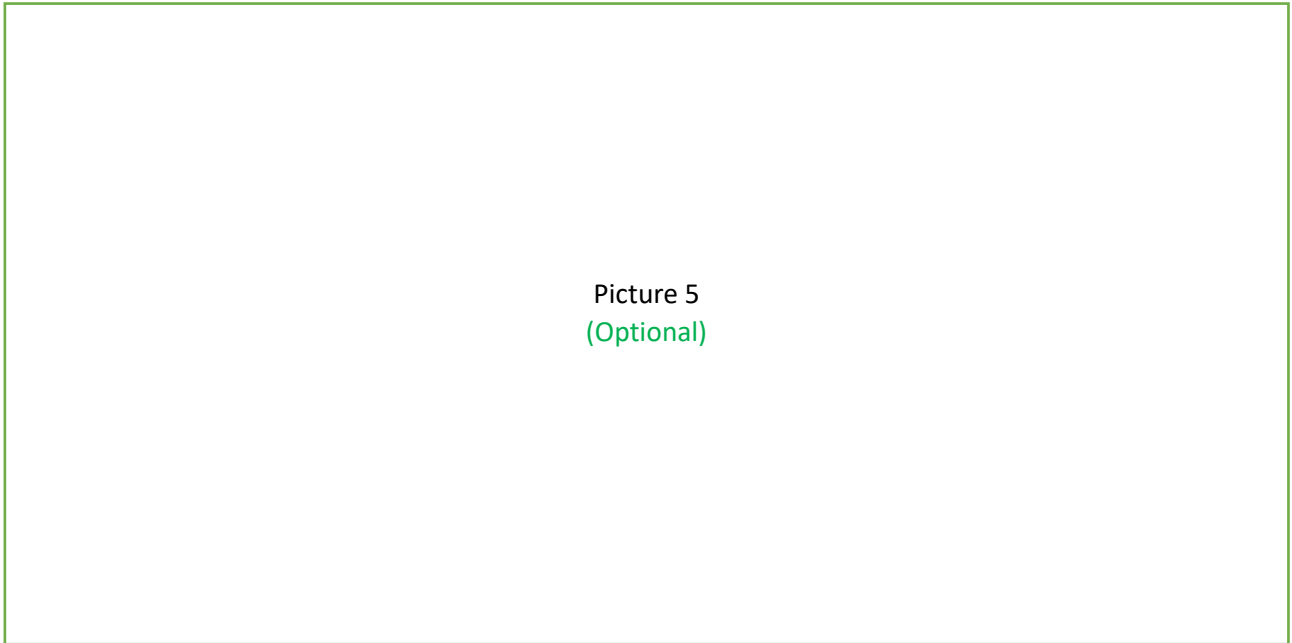


Picture 4
(Optional)

Description:

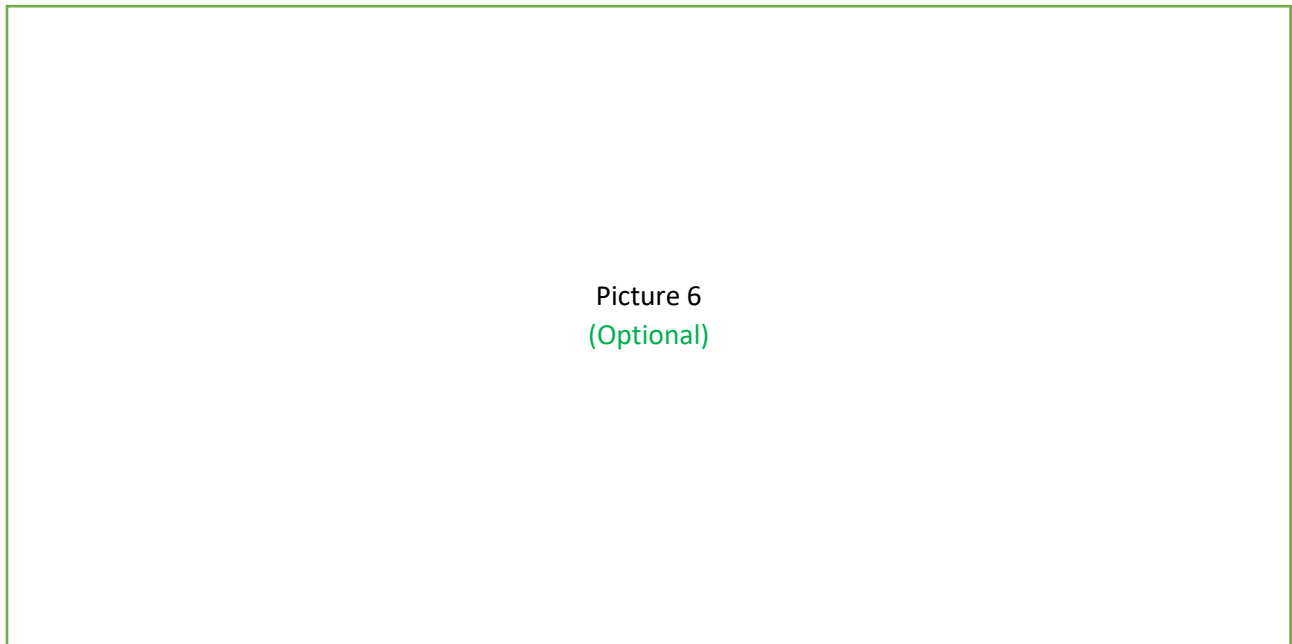
[6]

Pictures – 3 of 3 (optional)
(One or more photographs of the UAS)



Picture 5
(Optional)

Description:



Picture 6
(Optional)

Description: