



Civil Air Patrol



Let's Go GoPro

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Overview

Planning

Shooting

Editing

Publishing

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Planning

Selecting the Right Camera



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Planning

Selecting the Right Camera

Resolution 1080p

Framerate 30fps



Planning



Hero



Session



Planning

Accessories



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Planning

Accessories

Audio Patch Cable

Capture crew and ATC
comms on camera





Planning

Accessories

Neutral Density Filter

Reduces how much light enters the camera

Great way to cut down on over-exposure from a bright sky

Can help reduce propeller distortion





Planning



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Shooting

Have Your Shots Pre-Selected

No Exterior Mounting!

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Shooting



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Shooting



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Shooting



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Shooting

Placement

Varies Depending on Mission

e.g. Intercept, Aerial Photography – Side View

Know Your Crew

Personality, Uniform – Crew View

Front-facing is (*usually*) Boring



Shooting

Crew Briefing

Don't ham it up; pretend the camera isn't there

Especially during taxi, takeoff, landing!



Shooting

Start Shooting

Get to the Plane Early

>10 minutes before pre-flight inspection

Be done mounting before crew arrival

Leave When Crew Arrives

Turn on the cameras, start recording* and wish the crew a good flight



Shooting

Start Shooting

* Unless a long-endurance flight, you should start recording when you walk away from the aircraft.

Minimizes crew disruption, possibility of not starting the recording, etc.

If necessary, make it easy and brief the crew early!



Editing

If possible and appropriate...

**GoPro footage is *part* of your video,
not *all* of your video**

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Editing

Video Duration

Social Media 1:00 – 1:15

All Other ~2:00 – 3:00



Editing

GoPro Audio Editing

Unless you recorded crew/ATC comms, you can **immediately delete** the GoPro audio

Use background music instead



Editing

GoPro Video Editing

Color – More saturation

Contrast – More contrast

Exposure – Lower exposure, unless you used an ND filter

Motion Reduction – Works alright sometimes

Lens Distortion – Reduce warping at image corners
(Some editors, like Adobe Premier, have a built-in
GoPro lens correction preset)



Editing

What Parts to Use

Critical Phases of Flight (TO/LDG)

Bumpy landings are often better for video, as the moment of touchdown is more noticeable for the viewer



Editing



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Editing

What Parts to Use

Steep Turns

Wing dipped towards the ground is better than towards the sky

If using crew cam, watch for them to lean into the turn



Editing



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Editing



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Editing

What Parts to Use

Crew Gestures

Pointing, miming, etc; better than a silent, still crew



Editing



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Editing

Overlays

Intro

3 – 4 seconds

Basic information
about video subject



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Editing

Overlays

Lower-Thirds

Don't narrate scenes;
describe the event in
general

Dispersed throughout
the video

Keep them easy to edit





Editing

Overlays

Outro

~5 Seconds

CAP triprop logo

GoCivilAirPatrol.com



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Publishing

Requires same approvals as press release!

Mission

Incident Commander

Non-Mission

Unit Commander

Upload to YouTube as “unlisted”, send to appropriate person for approval



Publishing

Do not upload to your personal YouTube channel!

CAP guidelines require the video to be published on an official channel



Publishing

If you think your video is of a wide interest, send it to
NHQ Marketing/PA (Julie Debardelaben)



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Thanks!

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