

Lewes RC Club(AMA 1440)

SAFETY REFRESHER

July 13, 2021

Hopkins Field
30401 Fisher Road
Lewes DE

SAFETY DOESN'T HAPPEN BY ACCIDENT

- SAFETY IS EVERYONES RESPONSIBILITY
- AMA COMMUNITY BASED REGULATIONS/GUIDANCE
- SAFETY ENCOMPASSES: Personal, Ground, Flight, Recovery Operations
- SAFETY RISK MANAGEMENT CONCEPT
 - HAVE A PLAN
 - MAINTAIN SITUATION AWARENESS
 - COMMUNICATIONS
 - FLY THE PLANE , FLY THE PLANE.....

2018 FAA REAUTHORIZATION ACT- Operations of Small Unmanned Aircraft

- Part 107 Operations- As of June 2021
 - Commercial- Remote Pilot Certificate with Small UAS rating
 - Recreational-
 - Pass UAS Safety Test (TRUST), AMA is an approved Administrator, CLUB MEMBERS NEED TO DO ASAP
 - 23 Multiple Choice Questions, FAIL Proof
 - FAA Small UAS Registration (UAS Certificate)
- Adherence to Recognized Safety Code including Operations near airports, No Fly Zones, Privacy
- Remote ID(Compliance by Sept 23, 2023)
 - Applies to all FAA Registered UAS (.5 -55LBS) Criteria
 - UAS Broadcasts ID and Location (Internal)
 - UAS Uses ID Broadcast Module
 - Without Remote ID –Operate at FAA Recognized Identification Areas (FRIA) - Recreational Operations
 - AMA is working with FAA on Implementation FRIA area's, club will have to request , AMA will advise Sept 22, 2022

AMA SAFETY CODE HIGHLIGHTS

- AMA SAFETY HANDBOOK(Located on Website)
- AMA SAFETY CODE- “I AS AN AMA MEMBER AGREE”
- SEE AND AVOID MANNED AIRCRAFT
- PERSONAL RESTRICTIONS/LIMITATIONS
- CONTROLLED FLIGHT
 - NO RECKLESS FLYING
 - MAINTAIN LINE OF SIGHT DISTANCE
 - OPERATIONS AT OR BELOW 400Ft altitude (AGL)
 - SAFETY LINE SEPARATION
 - PHYSICAL PROXIMITY
- SPECIAL PROGRAMS

AMA SAFETY PRACTICES HIGHLIGHTS

- PRE-FLIGHT
- FLYING LOCATION('s)
- MODEL AIRPLANE MARKINGS
- TOUCHING MODEL AIRPLANE UNDERPOWER NOT ALLOWED
- PYROTECHNICS NOT ALLOWED (AMA Airshow Team Only)
- LAUNCHING/DROPPING OBJECTS NOT ALLOWED
- NIGHT FLYING ALLOWED- ILLUMINATION REQUIRED
- RANGE TEST OF EQUIPMENT REQUIRED
- PROPELLER SAFETY
 - MATERIAL CONDITION
 - STAY OUT OF PROP ARC
- BATTERY SAFETY
 - KNOW BATTERY REQUIREMENTS
 - CORRECT CHARGERS/SETTINGS
 - LIPO SAFETY CONSIDERATIONS
- FOLLOW FIRST PERSON VIEW GUIDANCE
- FOLLOW FAIL SAFE/STABLIZATION/AUTOPILOT GUIDANCE
 - MAINTAIN LINE OF SIGHT DISTATNCE
 - BE ABLE TO TURN ON/OFF

LEWES RC CLUB FIELD RULES-HIGHLIGHTS

- FIELD RULES POSTED ON WEBSITE- INCLUSIVE OF ALL AMA SAFETY CODE/GUIDANCE
- AMA/CLUB MEMBERSHIP REQUIRED
- RECOMMEND- NO FLYING ALONE
- AIRCRAFT MODEL INSPECTION REQUIREMENTS
 - NEW MODEL
 - BEFORE FLIGHT OPERATIONS
 - POST CRASH
- TRANSMITTER FREQUENCY CONTROLL
- RANGE CHECK REQUIREMENTS
- ENGINE START UP AND STOP
 - MODEL AIRCRAFT HOLD DOWN REQUIREMENTS
 - FUELING REQUIREMENTS
 - TREAT THE PROP WITH RESPECT
 - NO TAXI IN THE PIT AREAS

LEWES RC CLUB FIELD RULES-HIGHLIGHTS

- FLYING OPERATIONS
 - NO FLYING OVER PITS/SPECTATORS
 - MODEL AIRCRAFT RIGHT OF WAY CONSIDERATIONS
 - TAKEOFF/LANDING PATTERN CONTROL
 - COMMUNICATIONS
 - Operations when corn planted and grown
- INFLIGHT EMERGENCY MANAGEMENT
- FIELD/CLEANLINESS RESPECT
- POST CRASH RECOVERY OPERATIONS
 - HAVE AN EXIT STRATEGY/PLAN
 - POST CRASH PHYSICAL INSPECTION/ANALYSES
 - PILOT RESPONSIBILITIES

SUMMARY

- HAVE FUN/BE SAFE- SAFETY is Everyone's Responsibility
- AMA requires annual Safety Refresher, LEWES RC Club requires Safety Audit (done in Fall 2021)
- Your Responsibility to comply with FAA PART 107/Remote ID rules
- HAVE A PLAN THAT CONSIDERS ALL OPERATIONS/CONTINGENCIES
 - RECOVERY OPERATIONS IN CORN REQUIRES EXTRA SAFETY DILIGENCE
 - INCIDENTS/UNPLANNEDTHINGS ARE GOING TO OCCUR- DON'T LET THEM MANAGE YOU
- COMMUNICATION, COMMUNICATION.....
- ADHERENCE TO AMA SAFETY CODE/FIELD RULES
 - ALLOWS FOR CLUBS OUTSTANDING SAFETY RECORD