

Lewes RC Club(AMA 1440)

2022 SAFETY REFRESHER

October 11, 2021

Hopkins Field
30401 Fisher Road
Lewes DE 19958

AMA 583812
Lewes RC Club Safety Officer

Overview

- RC FLYING SAFETY IS A SERIOUS MATTER
- Yearly Safety Refresher- AMA Requirement
- Members encouraged to review published AMA Safety Guidance, Lewes RC Club Field Rules/By-Laws
- Student Pilot's will coordinate with their assigned instructors on additional requirements/procedures for student pilot privileges

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- June 2021
 - Commercial Operations- Remote Pilot Certificate with Small UAS rating
 - Recreational Operations:
 - Pass UAS Safety Test (TRUST), AMA is an approved Administrator, CLUB MEMBERS RESPONSIBILITY
 - 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(Lewes RC Club)**
 - AMA expects to recognized Community Based Organization(CBO) is working with FAA on Implementation FRIA area's
 - FAA has yet to establish a process to recognize CBO's
 - AMA anticipates they will make FRIA requests on behalf of all chartered clubs

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 INTENTIONAL 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/FAA Marking Requirements
- 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/OTHER BATTERY TYPES- SAFETY CONSIDERATIONS
- FOLLOW FIRST PERSON VIEW GUIDANCE- SPOTTER REQUIRED/MAINTAIN LINE OF SIGHT
- 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/BATTERY ARM REQUIREMENTS
 - TREAT THE PROP WITH RESPECT
 - NO TAXI IN THE PIT AREAS

LEWES RC CLUB FIELD RULES-HIGHLIGHTS

- FLYING OPERATIONS
 - COMMUNICATIONS- ANNOUNCE YOUR INTENTIONS/ISSUES
 - NO FLYING OVER PITS/SPECTATORS/ADJACENT ROADS
 - MODEL AIRCRAFT RIGHT OF WAY CONSIDERATIONS
 - TAKEOFF/LANDING PATTERN CONTROL
 - OPERATIONS WHEN CORN IS PLANTED/GROWING
 - FLY WITHIN FIELD BOUNDARY LINES- ALWAYS MAINTAIN LINE SIGHT
 - HELICOPTER/UAV/DRONE OPERATIONS
- INFLIGHT EMERGENCY MANAGEMENT
 - Mentally prepare that Risk Management ACTION plan
 - DON'T PANIC- ASK FOR ASSISTANCE/HELP
- FIELD/CLEANLINESS RESPECT
- POST CRASH RECOVERY OPERATIONS
 - HAVE AN EXIT STRATEGY/PLAN
 - POST CRASH PHYSICAL INSPECTION/ANALYSES
 - PILOT RESPONSIBILITIES

R/C LEWIS FLYING BOUNDARY AREA



SUMMARY

- HAVE FUN/BE SAFE- SAFETY is Everyone's Responsibility
- LEWES RC Club requires Field Safety Audit (Oct 2022)
- 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 YOUR RESPONSIBILITY
 - ALLOWS FOR CLUBS OUTSTANDING SAFETY RECORD