

Procedures

EMERGENCY PROCEDURES

Due to the varieties of emergency conditions that may occur it is impossible to identify exactly what would be done to address every emergency. The Aerostar operations manual identify some potential problems that could occur with the Aerostar system and provides the recommended course of action to address specific emergencies. Even though it is impossible to define each emergency situation that could occur, there are some consistent values that should be applied to an emergency: (1) most important is the safety of persons and safety shall be given more consideration than achieving mission objectives or saving the UA, (2) pilots are expected to use their best judgment in handling the emergency, (3) ATC shall be notified as soon as possible and updated as the emergency situation changes, and (4) the pilot and other flight crew members shall provide details on the emergency to public officials, e.g. airport manager, law enforcement, etc., when appropriate, consistent with the operational restraints placed on the UA pilot to operate the Aerostar under the existing emergency situation.

Aeronautics Defense Systems (ADS) has developed guidance and checklists for both the Aerostar UA internal pilot (IP) and external pilot (EP) identifying potential emergency situations and actions to be initiated to resolve a particular emergency. Yet, since there are a myriad of emergency conditions that can develop, the Aerostar IP and/or EP shall employ his/her knowledge, expertise, and skills to resolve the emergency as safely as possible.

After the conclusion of an emergency event a post flight critique and evaluation shall be conducted. In some instances this may require review and assessment by individuals outside the Aerostar Team. Record of past emergency events shall be maintained and used in training syllabuses to educate flight crew personnel on how to possibly more effectively manage the same or similar emergencies.