

Assessment Summary Sheet for UKAB Meeting on Wednesday 22nd April 2020

Total	A	B	C	D	E
13	1	4	6	0	2

Airprox	Aircraft 1 (Type)	Aircraft 2 (Type)	Airspace (Class)	ICAO Risk
2019295	F15(A) (Foreign Mil)	F15(B) (Foreign Mil)	London FIR (G)	B
2019298	SZD Junior (Civ Gld)	Parachutist (Civ Para)	London FIR (G)	A
	Recommendation: Dunkeswell airfield and the Devon And Somerset Gliding Club reach agreement to include parachuting operations within their Letter of Agreement.			
2019300	Hawk T2 (HQ Air Trg)	Tucano x 2 (HQ Air Trg)	London FIR (G)	C
	Recommendation: MoD considers the introduction of a flow arrow for the Honister Pass.			
2019303	PA28(A) (Civ FW)	PA28(B) (Civ FW)	London FIR (G)	C
2019304	AS365 (HEMS)	Weight-shift M/L (Unknown)	London FIR (G)	B
2019310	Hawk (HQ Air Trg)	Hawk (HQ Air Trg)	London FIR (G)	E
2019312	C152 (Civ FW)	C182 (Civ FW)	Gamston ATZ (G)	B
2019313	DA42 (Civ FW)	PA38 (Civ FW)	London FIR (G)	B
2019317	EC135 (NPAS)	AW109 (Civ Comm)	London FIR (G)	E
2019318	Bell 412 (Civ Comm)	Tutor (HQ Air Trg)	Boscombe Down ATZ (G)	C
2019319	Squirrel (Civ Comm)	Tutor (HQ Air Trg)	Boscombe Down ATZ (G)	C
2019322	Hawk T2 (HQ Air Trg)	Juno (HQ Air Trg)	Valley CMATZ (G)	C
2019323	S92(A) (Civ Comm)	S92(B) (Civ Comm)	Scottish FIR (G)	C
	Recommendation: The CAA considers reviewing the UK AIP, ENR 1.6, paragraph 4.5.5, to define the point at which the 'lifting' call is to be made.			

	2019295		
CF	Factor	Description	Amplification
	Ground Elements		
	• Situational Awareness and Action		
1	Human Factors	• Traffic Management Information Provision	Not provided, inaccurate, inadequate, or late
	Flight Elements		
	• Tactical Planning and Execution		
2	Human Factors	• Insufficient Decision/Plan	Inadequate plan adaption
3	Human Factors	• Accuracy of Communication	Ineffective communication of intentions
	• Situational Awareness of the Conflicting Aircraft and Action		
4	Human Factors	• Understanding/Comprehension	Pilot did not assimilate conflict information
5	Human Factors	• Lack of Action	Pilot flew close enough to cause concern despite Situational Awareness

6	Human Factors	• Distraction - Job Related	Pilot was engaged in other tasks
• See and Avoid			
7	Human Factors	• Distraction - Job Related	Pilot looking elsewhere
8	Human Factors	• Monitoring of Other Aircraft	Late-sighting by one or both pilots
9	Human Factors	• Lack of Action	Pilot flew close enough to cause the other pilot concern

2019298			
CF	Factor	Description	Amplification
Flight Elements			
• Regulations, Processes, Procedures and Compliance			
1	Organisational	• Flight Operations Documentation and Publications	Inadequate regulations or procedures
• Tactical Planning and Execution			
2	Human Factors	• Action Performed Incorrectly	Incorrect or ineffective execution
3	Human Factors	• Aircraft Navigation	Flew through promulgated and active airspace or sporting site
• Situational Awareness of the Conflicting Aircraft and Action			
4	Contextual	• Situational Awareness and Sensory Events	Generic, late, no or incorrect Situational Awareness
• See and Avoid			
5	Contextual	• Poor Visibility Encounter	One or both aircraft were obscured from the other
6	Human Factors	• Monitoring of Other Aircraft	Non-sighting or effectively a non-sighting by one or both pilots

2019300			
CF	Factor	Description	Amplification
Flight Elements			
• Tactical Planning and Execution			
1	Human Factors	• Action Performed Incorrectly	Incorrect or ineffective execution
• Situational Awareness of the Conflicting Aircraft and Action			
2	Contextual	• Situational Awareness and Sensory Events	Generic, late, no or incorrect Situational Awareness
• Electronic Warning System Operation and Compliance			
3		• Any other event	TCAS not able to alert due to terrain masking
• See and Avoid			
4	Contextual	• Poor Visibility Encounter	One or both aircraft were obscured from the other
5	Human Factors	• Monitoring of Other Aircraft	Late-sighting by one or both pilots

2019303			
CF	Factor	Description	Amplification
Ground Elements			
• Situational Awareness and Action			
1	Contextual	• Situational Awareness and Sensory Events	Not required to monitor the aircraft under the agreed service
Flight Elements			
• Tactical Planning and Execution			

2	Human Factors	• Action Performed Incorrectly	Incorrect or ineffective execution
3	Human Factors	• Accuracy of Communication	Ineffective communication of intentions
4	Human Factors	• Communications by Flight Crew with ANS	Pilot did not communicate with appropriate service provider
• Situational Awareness of the Conflicting Aircraft and Action			
5	Contextual	• Situational Awareness and Sensory Events	Generic, late, no or incorrect Situational Awareness
• See and Avoid			
6	Human Factors	• Perception of Visual Information	Pilot was concerned by the proximity of the other aircraft
7	Human Factors	• Lack of Individual Risk Perception	Pilot flew close enough to cause the other pilot concern

2019304			
CF	Factor	Description	Amplification
Ground Elements			
• Situational Awareness and Action			
1	Contextual	• Situational Awareness and Sensory Events	Generic, late, no or incorrect Situational Awareness
Flight Elements			
• Situational Awareness of the Conflicting Aircraft and Action			
2	Contextual	• Situational Awareness and Sensory Events	Generic, late, no or incorrect Situational Awareness
• Electronic Warning System Operation and Compliance			
3	Technical	• ACAS/TCAS System Failure	Incompatible CWS equipment
• See and Avoid			
4	Contextual	• Near Airborne Collision with Aircraft, Balloon, Dirigible or Other Piloted Air Vehicle	A conflict in the FIR
5	Human Factors	• Monitoring of Other Aircraft	Late-sighting by one or both pilots

2019310			
CF	Factor	Description	Amplification
Flight Elements			
• Tactical Planning and Execution			
1	Human Factors	• Action Performed Incorrectly	Incorrect or ineffective execution
• Situational Awareness of the Conflicting Aircraft and Action			
2	Human Factors	• Lack of Action	Pilot flew close enough to cause concern despite Situational Awareness
3	Human Factors	• Mentoring	Sub-Optimal
• Electronic Warning System Operation and Compliance			
4	Contextual	• ACAS/TCAS TA	TCAS TA / CWS indication
• See and Avoid			
5	Human Factors	• Perception of Visual Information	Pilot perceived there was no conflict

2019312			
CF	Factor	Description	Amplification
Flight Elements			
• Regulations, Processes, Procedures and Compliance			

1	Human Factors	• Flight Crew ATM Procedure Deviation	Regulations/procedures not complied with
• Tactical Planning and Execution			
2	Human Factors	• No Decision/Plan	Inadequate planning
3	Human Factors	• Action Performed Incorrectly	Incorrect or ineffective execution
4	Human Factors	• Aircraft Navigation	Did not avoid/conform with the pattern of traffic already formed
5	Human Factors	• Accuracy of Communication	Ineffective communication of intentions
• Situational Awareness of the Conflicting Aircraft and Action			
6	Contextual	• Situational Awareness and Sensory Events	Generic, late, no or incorrect Situational Awareness
7	Human Factors	• Monitoring of Other Aircraft	Pilot did not sufficiently integrate with the other aircraft
• Electronic Warning System Operation and Compliance			
8	Technical	• ACAS/TCAS System Failure	CWS did not alert as expected
• See and Avoid			
9	Contextual	• Poor Visibility Encounter	One or both aircraft were obscured from the other
10	Human Factors	• Monitoring of Other Aircraft	Non-sighting or effectively a non-sighting by one or both pilots

	2019313		
CF	Factor	Description	Amplification
Ground Elements			
• Situational Awareness and Action			
1	Contextual	• Situational Awareness and Sensory Events	Not required to monitor the aircraft under the agreed service
Flight Elements			
• Situational Awareness of the Conflicting Aircraft and Action			
2	Contextual	• Situational Awareness and Sensory Events	Generic, late, no or incorrect Situational Awareness
3	Human Factors	• Distraction - Job Related	Pilot was engaged in other tasks
• Electronic Warning System Operation and Compliance			
4	Contextual	• ACAS/TCAS TA	TCAS TA / CWS indication
• See and Avoid			
5	Human Factors	• Monitoring of Other Aircraft	Non-sighting or effectively a non-sighting by one or both pilots
6	Human Factors	• Monitoring of Other Aircraft	Late-sighting by one or both pilots

	2019317		
CF	Factor	Description	Amplification
Ground Elements			
• Situational Awareness and Action			
1	Contextual	• Situational Awareness and Sensory Events	Not required to monitor the aircraft under the agreed service
Flight Elements			
• Tactical Planning and Execution			
2	Human Factors	• Insufficient Decision/Plan	Inadequate plan adaption
• Situational Awareness of the Conflicting Aircraft and Action			

3	Human Factors	• Interpretation of Automation or Flight Deck Information	CWS sighting report
• Electronic Warning System Operation and Compliance			
4	Contextual	• ACAS/TCAS TA	TCAS TA / CWS indication
• See and Avoid			
5	Contextual	• Poor Visibility Encounter	One or both aircraft were obscured from the other
6	Human Factors	• Monitoring of Other Aircraft	Non-sighting or effectively a non-sighting by one or both pilots

2019318			
CF	Factor	Description	Amplification
Ground Elements			
• Situational Awareness and Action			
1	Contextual	• Situational Awareness and Sensory Events	Generic, late, no or incorrect Situational Awareness
Flight Elements			
• Regulations, Processes, Procedures and Compliance			
2	Organisational	• Flight Operations Documentation and Publications	Inadequate regulations or procedures
• Tactical Planning and Execution			
3	Human Factors	• Insufficient Decision/Plan	Inadequate plan adaption
• Electronic Warning System Operation and Compliance			
4	Contextual	• ACAS/TCAS TA	TCAS TA / CWS indication
• See and Avoid			
5	Human Factors	• Monitoring of Other Aircraft	Non-sighting or effectively a non-sighting by one or both pilots
6	Human Factors	• Perception of Visual Information	Pilot was concerned by the proximity of the other aircraft

2019319			
CF	Factor	Description	Amplification
Flight Elements			
• Regulations, Processes, Procedures and Compliance			
1	Organisational	• Flight Operations Documentation and Publications	Inadequate regulations or procedures
• Tactical Planning and Execution			
2	Human Factors	• Insufficient Decision/Plan	Inadequate plan adaption
• Electronic Warning System Operation and Compliance			
3	Contextual	• ACAS/TCAS TA	TCAS TA / CWS indication
• See and Avoid			
4	Human Factors	• Monitoring of Other Aircraft	Non-sighting or effectively a non-sighting by one or both pilots
5	Human Factors	• Perception of Visual Information	Pilot was concerned by the proximity of the other aircraft

2019322			
CF	Factor	Description	Amplification
Ground Elements			

	• Regulations, Processes, Procedures and Compliance		
1	Organisational	• Organisational Documentation and Publications	Inadequate regulations or procedures
	• Situational Awareness and Action		
2	Contextual	• Situational Awareness and Sensory Events	Generic, late, no or incorrect Situational Awareness
3	Human Factors	• Conflict Detection - Detected Late	
4	Human Factors	• Traffic Management Information Provision	Not provided, inaccurate, inadequate, or late
	Flight Elements		
	• Regulations, Processes, Procedures and Compliance		
5	Organisational	• Flight Operations Documentation and Publications	Inadequate regulations or procedures
	• Situational Awareness of the Conflicting Aircraft and Action		
6	Contextual	• Situational Awareness and Sensory Events	Generic, late, no or incorrect Situational Awareness
	• Electronic Warning System Operation and Compliance		
7	Contextual	• ACAS/TCAS TA	TCAS TA / CWS indication
	• See and Avoid		
8	Human Factors	• Monitoring of Other Aircraft	Late-sighting by one or both pilots
9	Human Factors	• Perception of Visual Information	Pilot was concerned by the proximity of the other aircraft

	2019323		
CF	Factor	Description	Amplification
	Flight Elements		
	• Regulations, Processes, Procedures and Compliance		
1	Organisational	• Flight Operations Documentation and Publications	Inadequate regulations or procedures
	• Tactical Planning and Execution		
2	Human Factors	• Action Performed Incorrectly	Incorrect or ineffective execution
3	Human Factors	• Accuracy of Communication	Ineffective communication of intentions
	• Situational Awareness of the Conflicting Aircraft and Action		
4	Contextual	• Situational Awareness and Sensory Events	Generic, late, no or incorrect Situational Awareness
	• Electronic Warning System Operation and Compliance		
5	Contextual	• ACAS/TCAS TA	TCAS TA / CWS indication
	• See and Avoid		
6	Contextual	• Poor Visibility Encounter	One or both aircraft were obscured from the other
7	Human Factors	• Monitoring of Other Aircraft	Non-sighting or effectively a non-sighting by one or both pilots