

Assessment Summary Sheet for UKAB Meeting on Wednesday 9th December 2020

Total	A	B	C	D	E
15	1	4	4	1	5

Airprox	Aircraft 1 (Type)	Aircraft 2 (Type)	Airspace (Class)	ICAO Risk
2020099	ASK13 (Civ Gld)	Spitfire (Civ FW)	London FIR (G)	C
2020101	ASW27 (Civ Gld)	Unk Helicopter (Civ Helo)	London FIR (G)	D
2020102	HpH Shark (Civ Gld)	Ventus 2C (Civ Gld)	London FIR (G)	E
2020103	Skyranger (Civ FW)	PA28 (Civ FW)	London FIR (G)	B
2020104	Venture TMG (Civ FW)	Mooney M20 (Civ FW)	London FIR (G)	B
2020106	DA40 (Civ FW)	Pitts (Civ FW)	London FIR (G)	B
2020107	PA25 (Civ FW)	C510 (Civ Comm)	London FIR (G)	E
2020109	Falcon 2000 (Civ Comm)	Glasflügel Mosquito (Civ Gld)	London FIR (G)	A
2020111	DA40 (Civ FW)	Glider (Civ Gld)	London FIR (G)	C
2020112	P68 (Civ Comm)	Unknown Glider (Civ Gld)	London FIR (G)	C
2020114	EC135 (NPAS)	R22 (Civ Helo)	Elstree ATZ (G)	E
2020115	Falcon 20 (Civ Comm)	PA18 (Civ FW)	London FIR (G)	E
2020116	PA28 (Civ FW)	MD500 (Civ Helo)	Blackbushe ATZ (G)	C
2020117	Hapi Cygnet SF2A (Civ FW)	PA23 (Civ FW)	London FIR (G)	B
2020119	Hawk (HQ Air Trg)	EV97 (Civ FW)	Scottish FIR (G)	E

2020099			
CF	Factor	Description	Amplification
Flight Elements			
• Tactical Planning and Execution			
1	Human Factors	• Pre-flight briefing and flight preparation	
2	Human Factors	• Monitoring of Other Aircraft	Did not avoid/conform with the pattern of traffic already formed
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	Pilot had no, late or only generic, Situational Awareness
• 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

2020101			
CF	Factor	Description	Amplification
Flight Elements			
• Situational Awareness of the Conflicting Aircraft and Action			
1	Contextual	• Situational Awareness and Sensory Events	Pilot had no, late or only generic, Situational Awareness
• Electronic Warning System Operation and Compliance			
2	Technical	• ACAS/TCAS System Failure	Incompatible CWS equipment

2020102			
CF	Factor	Description	Amplification
Flight Elements			
• Electronic Warning System Operation and Compliance			
1	Contextual	• Other warning system operation	Warning from a system other than TCAS
• See and Avoid			
2	Human Factors	• Perception of Visual Information	Pilot perceived there was no conflict
3	Human Factors	• Perception of Visual Information	Pilot was concerned by the proximity of the other aircraft

2020103			
CF	Factor	Description	Amplification
Ground Elements			
• Situational Awareness and Action			
1	Contextual	• ANS Flight Information Provision	Not required to monitor the aircraft under the agreed service
2	Human Factors	• Distraction - Job Related	Controller engaged in other tasks
Flight Elements			
• Tactical Planning and Execution			
3	Human Factors	• Communications by Flight Crew with ANS	Pilot did not communicate with appropriate ATS provider
• Situational Awareness of the Conflicting Aircraft and Action			
4	Contextual	• Situational Awareness and Sensory Events	Pilot had no, late or only generic, Situational Awareness
• See and Avoid			
5	Human Factors	• Distraction - Job Related	Pilot looking elsewhere
6	Contextual	• Near Airborne Collision with Aircraft, Balloon, Dirigible or Other Piloted Air Vehicle	Piloted air vehicle
7	Human Factors	• Monitoring of Other Aircraft	Non-sighting or effectively a non-sighting by one or both pilots
8	Human Factors	• Monitoring of Other Aircraft	Late-sighting by one or both pilots

2020104			
CF	Factor	Description	Amplification
Flight Elements			
• Tactical Planning and Execution			
1	Human Factors	• Action Performed Incorrectly	Incorrect or ineffective execution
2	Human Factors	• Communications by Flight Crew with ANS	Pilot did not communicate with appropriate ATS provider
• Situational Awareness of the Conflicting Aircraft and Action			
3	Contextual	• Situational Awareness and Sensory Events	Pilot had no, late or only generic, Situational Awareness
4	Human Factors	• Mentoring	
• Electronic Warning System Operation and Compliance			
5	Contextual	• Other warning system operation	Warning from a system other than TCAS
• See and Avoid			
6	Human Factors	• Distraction - Job Related	Pilot looking elsewhere
7	Contextual	• Near Airborne Collision with Aircraft, Balloon, Dirigible or Other Piloted Air Vehicle	Piloted air vehicle
8	Human Factors	• Monitoring of Other Aircraft	Non-sighting or effectively a non-sighting by one or both pilots
9	Human Factors	• Monitoring of Other Aircraft	Late-sighting by one or both pilots

2020106			
CF	Factor	Description	Amplification
Flight Elements			
• Regulations, Processes, Procedures and Compliance			
1	Human Factors	• Flight Crew ATM Procedure Deviation	
• Tactical Planning and Execution			
2	Human Factors	• Action Performed Incorrectly	Incorrect or ineffective execution
3	Human Factors	• Monitoring of Other Aircraft	Did not avoid/conform with the pattern of traffic already formed
• Situational Awareness of the Conflicting Aircraft and Action			
4	Human Factors	• Understanding/Comprehension	Pilot did not assimilate conflict information
• See and Avoid			
5	Contextual	• Poor Visibility Encounter	One or both aircraft were obscured from the other
6	Contextual	• Near Airborne Collision with Aircraft, Balloon, Dirigible or Other Piloted Air Vehicle	Piloted air vehicle
7	Human Factors	• Perception of Visual Information	Pilot was concerned by the proximity of the other aircraft

2020107			
CF	Factor	Description	Amplification
Ground Elements			
• Situational Awareness and Action			
1	Contextual	• Situational Awareness and Sensory Events	The controller had only generic, late or no Situational Awareness
Flight Elements			
• Situational Awareness of the Conflicting Aircraft and Action			
2	Contextual	• Situational Awareness and Sensory Events	Pilot had no, late or only generic, Situational Awareness
• Electronic Warning System Operation and Compliance			
3	Contextual	• Other warning system operation	Warning from a system other than TCAS
• See and Avoid			
4	Human Factors	• Monitoring of Other Aircraft	Late-sighting by one or both pilots
5	Human Factors	• Perception of Visual Information	Pilot was concerned by the proximity of the other aircraft

2020109			
CF	Factor	Description	Amplification
Ground Elements			
• Situational Awareness and Action			
1	Contextual	• Situational Awareness and Sensory Events	The controller had only generic, late or no Situational Awareness
Flight Elements			
• Situational Awareness of the Conflicting Aircraft and Action			
2	Contextual	• Situational Awareness and Sensory Events	Pilot had no, late or only generic, 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	Piloted air vehicle
5	Human Factors	• Monitoring of Other Aircraft	Non-sighting or effectively a non-sighting by one or both pilots

2020111			
CF	Factor	Description	Amplification
Flight Elements			
• Tactical Planning and Execution			
1	Human Factors	• Communications by Flight Crew with ANS	Pilot did not communicate with appropriate ATS provider
• Situational Awareness of the Conflicting Aircraft and Action			
2	Contextual	• Situational Awareness and Sensory Events	Pilot had no, late or only generic, Situational Awareness
• Electronic Warning System Operation and Compliance			
3	Technical	• ACAS/TCAS System Failure	Incompatible CWS equipment
• See and Avoid			
4	Human Factors	• Monitoring of Other Aircraft	Late-sighting by one or both pilots

2020112			
CF	Factor	Description	Amplification
Flight Elements			
• Situational Awareness of the Conflicting Aircraft and Action			
1	Contextual	• Situational Awareness and Sensory Events	Pilot had no, late or only generic, Situational Awareness
• See and Avoid			
2	Human Factors	• Distraction - Job Related	Pilot looking elsewhere
3	Human Factors	• Monitoring of Other Aircraft	Late-sighting by one or both pilots

2020114			
CF	Factor	Description	Amplification
Flight Elements			
• Tactical Planning and Execution			
1	Human Factors	• Monitoring of Other Aircraft	Did not avoid/conform with the pattern of traffic already formed
2	Human Factors	• Accuracy of Communication	Ineffective communication of intentions
• Electronic Warning System Operation and Compliance			
3	Contextual	• ACAS/TCAS TA	
• See and Avoid			
4	Human Factors	• Monitoring of Other Aircraft	Late-sighting by one or both pilots
5	Human Factors	• Perception of Visual Information	Pilot was concerned by the proximity of the other aircraft

2020115			
CF	Factor	Description	Amplification
Ground Elements			
• Situational Awareness and Action			
1	Contextual	• Situational Awareness and Sensory Events	The controller had only generic, late or no Situational Awareness
Flight Elements			
• Tactical Planning and Execution			
2	Organisational	• Flight Planning Information Sources	Inadequate planning material
3	Human Factors	• Pre-flight briefing and flight preparation	
4	Human Factors	• Flight Planning and Preparation	
5	Human Factors	• Insufficient Decision/Plan	Inadequate plan adaption
• Situational Awareness of the Conflicting Aircraft and Action			
6	Contextual	• Situational Awareness and Sensory Events	Pilot had no, late or only generic, Situational Awareness
• Electronic Warning System Operation and Compliance			
7	Technical	• ACAS/TCAS System Failure	Incompatible CWS equipment
• See and Avoid			
8	Human Factors	• Monitoring of Other Aircraft	Sighting report

2020116			
CF	Factor	Description	Amplification
Ground Elements			
• Regulations, Processes, Procedures and Compliance			
1	Organisational	• ATM Information Provision	Inadequate regulations or procedures
2	Human Factors	• ATM Regulatory Deviation	Regulations and/or procedures not complied with
• Situational Awareness and Action			
3	Contextual	• Situational Awareness and Sensory Events	The controller had only generic, late or no Situational Awareness
Flight Elements			
• Regulations, Processes, Procedures and Compliance			
4	Human Factors	• Flight Operations Documentation and Publications	Regulations and/or procedures not complied with
• Tactical Planning and Execution			
5	Human Factors	• Pre-flight briefing and flight preparation	
6	Human Factors	• Monitoring of Other Aircraft	Did not avoid/conform with the pattern of traffic already formed
7	Human Factors	• Accuracy of Communication	Ineffective communication of intentions
• Situational Awareness of the Conflicting Aircraft and Action			
8	Human Factors	• Monitoring of Other Aircraft	Pilot did not sufficiently integrate with the other aircraft
• See and Avoid			
9	Human Factors	• Perception of Visual Information	Pilot perceived there was no conflict
10	Human Factors	• Perception of Visual Information	Pilot was concerned by the proximity of the other aircraft

2020117			
CF	Factor	Description	Amplification
Ground Elements			
• Situational Awareness and Action			
1	Contextual	• ANS Flight Information Provision	Not required to monitor the aircraft under the agreed service
2	Human Factors	• Distraction - Job Related	Controller engaged in other tasks
Flight Elements			
• Tactical Planning and Execution			
3	Human Factors	• Communications by Flight Crew with ANS	Pilot did not communicate with appropriate ATS provider
• Situational Awareness of the Conflicting Aircraft and Action			
4	Contextual	• Situational Awareness and Sensory Events	Pilot had no, late or only generic, Situational Awareness
• See and Avoid			
5	Contextual	• Near Airborne Collision with Aircraft, Balloon, Dirigible or Other Piloted Air Vehicle	Piloted air vehicle
6	Human Factors	• Monitoring of Other Aircraft	Non-sighting or effectively a non-sighting by one or both pilots

2020119			
CF	Factor	Description	Amplification
Ground Elements			
• Situational Awareness and Action			
1	Contextual	• ANS Flight Information Provision	Not required to monitor the aircraft under the agreed service
• Electronic Warning System Operation and Compliance			
2		• Any other event	Aircraft were beneath radar cover
Flight Elements			
• Situational Awareness of the Conflicting Aircraft and Action			
3	Contextual	• Situational Awareness and Sensory Events	Pilot had no, late or only generic, Situational Awareness