

Assessment Summary Sheet for UKAB Meeting on Wednesday 14th October 2020

Total	A	B	C	D	E
15	0	4	7	0	4

Airprox	Aircraft 1 (Type)	Aircraft 2 (Type)	Airspace (Class)	ICAO Risk
2020053	BE200 (Coast Guard)	Extra (Civ FW)	London FIR (G)	E
2020061	Wildcat (RN)	Slingsby Firefly (Civ FW)	London FIR (G)	E
2020062	ASK21 (Civ Gld)	DH104 Dove (Civ FW)	London FIR (G)	B
2020063	Wildcat (RN)	Unknown Light Aircraft (Unknown)	London FIR (G)	E
2020064	Beagle A61 Terrier (Civ FW)	Socata TB10 (Civ FW)	London FIR (G)	B
2020066	Grob 109 (Civ Gld)	Eurostar (Civ FW)	London FIR (G)	B
2020067	Grob 115 (Civ FW)	Untraced biplane (Unknown)	Leicester ATZ (G)	C
2020068	Shadow (HQ Air Ops)	Typhoon (MoD ATEC)	London FIR (G)	C
2020070	Grob G102 (Civ Gld)	C42 (Civ FW)	London FIR (G)	B
2020074	Christen Eagle (Civ FW)	Tutor (HQ Air Trg)	London FIR (G)	C
2020076	Arcus T (Civ Gld)	DA40 (Civ FW)	London FIR (G)	C
2020077	Cabri (Civ Helo)	PA28 (Civ FW)	Leicester ATZ (G)	C
2020078	AW169 (HEMS)	Miles Gemini (Civ FW)	London FIR (G)	C
2020080	ASK21 (Civ Gld)	Yak (Civ FW)	London FIR (G)	C
2020081	EC145 (NPAS)	EC135 (NPAS)	London FIR (G)	E

2020053	Factor	Description	Amplification
Flight Elements			
• Situational Awareness of the Conflicting Aircraft and Action			
1	Human Factors	• Lack of Action	Pilot flew close enough to cause concern despite Situational Awareness
• See and Avoid			
2	Human Factors	• Monitoring of Other Aircraft	Non-sighting or effectively a non-sighting by one or both pilots
3	Human Factors	• Perception of Visual Information	Pilot was concerned by the proximity of the other aircraft

2020061	Factor	Description	Amplification
Ground Elements			
• Manning and Equipment			
1	Human Factors	• Mentoring	
• Situational Awareness and Action			
2	Human Factors	• Conflict Detection - Not Detected	
3	Human Factors	• ANS Traffic Information Provision	TI not provided, inaccurate, inadequate, or late
4	Human Factors	• Separation Provision	The ANS instructions contributed to the Airprox

	Flight Elements		
	• Tactical Planning and Execution		
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
	• See and Avoid		
7	Human Factors	• Monitoring of Other Aircraft	Non-sighting or effectively a non-sighting by one or both pilots
8	Human Factors	• Lack of Action	Pilot flew close enough to cause concern

	2020062		
CF	Factor	Description	Amplification
	Flight Elements		
	• Tactical Planning and Execution		
1	Human Factors	• Flight Planning and Preparation	
	• Situational Awareness of the Conflicting Aircraft and Action		
2	Contextual	• Situational Awareness and Sensory Events	Pilot had no, late or only generic, Situational Awareness
3	Human Factors	• Distraction - Job Related	Pilot engaged in other tasks
	• 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

	2020063		
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	Human Factors	• Monitoring of Other Aircraft	Sighting report

	2020064		
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	CWS did not alert as expected
	• See and Avoid		
3	Contextual	• Poor Visibility Encounter	One or both aircraft were obscured from the other
4	Human Factors	• Distraction - Job Related	Pilot looking elsewhere
5	Contextual	• Near Airborne Collision with Aircraft, Balloon, Dirigible or Other Piloted Air Vehicle	Piloted air vehicle
6	Human Factors	• Monitoring of Other Aircraft	Late-sighting by one or both pilots

2020066			
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	Contextual	• Other warning system operation	Warning from a system other than TCAS
• See and Avoid			
3	Human Factors	• Distraction - Job Related	Pilot looking elsewhere
4	Contextual	• Near Airborne Collision with Aircraft, Balloon, Dirigible or Other Piloted Air Vehicle	Piloted air vehicle
5	Human Factors	• Monitoring of Other Aircraft	Late-sighting by one or both pilots

2020067			
CF	Factor	Description	Amplification
Flight Elements			
• Regulations, Processes, Procedures and Compliance			
1	Human Factors	• Flight Operations Documentation and Publications	Regulations and/or procedures not complied with
• Tactical Planning and Execution			
2	Human Factors	• Flight Planning and Preparation	
3	Human Factors	• Action Performed Incorrectly	Incorrect or ineffective execution
4	Human Factors	• Aircraft Navigation	Flew through promulgated and active airspace
5	Human Factors	• Monitoring of Other Aircraft	Did not avoid/conform with the pattern of traffic already formed
6	Human Factors	• Accuracy of Communication	Ineffective communication of intentions
• Situational Awareness of the Conflicting Aircraft and Action			
7	Contextual	• Situational Awareness and Sensory Events	Pilot had no, late or only generic, Situational Awareness
• See and Avoid			
8	Human Factors	• Monitoring of Other Aircraft	Late-sighting by one or both pilots

2020068			
CF	Factor	Description	Amplification
Ground Elements			
• Manning and Equipment			
1	Organisational	• ATM Staffing and Scheduling	Sub-Optimal establishment or scheduling of staff
Flight Elements			
• 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	• Situational Awareness and Sensory Events	Pilot was concerned by the proximity of the other aircraft
• Electronic Warning System Operation and Compliance			
4	Contextual	• ACAS/TCAS RA	
• See and Avoid			
5	Human Factors	• Perception of Visual Information	Pilot perceived there was no conflict
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 concern

2020070			
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
• See and Avoid			
3	Contextual	• Near Airborne Collision with Aircraft, Balloon, Dirigible or Other Piloted Air Vehicle	Piloted air vehicle
4	Human Factors	• Monitoring of Other Aircraft	Late-sighting by one or both pilots

2020074			
CF	Factor	Description	Amplification
Ground Elements			
• Regulations, Processes, Procedures and Compliance			
1	Human Factors	• ATM Regulatory Deviation	Regulations and/or procedures not complied with
• Situational Awareness and Action			
2	Human Factors	• ANS Traffic Information Provision	TI not provided, inaccurate, inadequate, or late
Flight Elements			
• Tactical Planning and Execution			
3	Human Factors	• Flight Planning and Preparation	
• Situational Awareness of the Conflicting Aircraft and Action			
4	Contextual	• Situational Awareness and Sensory Events	Pilot had no, late or only generic, Situational Awareness
5	Human Factors	• Lack of Action	Pilot flew into conflict despite Situational Awareness
• Electronic Warning System Operation and Compliance			
6	Contextual	• Other warning system operation	Warning from a system other than TCAS
• 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 Individual Risk Perception	Pilot flew close enough to cause concern

2020076			
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
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
• See and Avoid			
3	Human Factors	• Monitoring of Other Aircraft	Non-sighting or effectively a non-sighting by one or both pilots
4	Human Factors	• Perception of Visual Information	Pilot was concerned by the proximity of the other aircraft

2020077			
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

2	Human Factors	• Distraction - Job Related	Pilot engaged in other tasks
• See and Avoid			
3	Human Factors	• Monitoring of Other Aircraft	Non-sighting or effectively a non-sighting by one or both pilots
4	Human Factors	• Perception of Visual Information	Pilot was concerned by the proximity of the other aircraft

2020078			
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
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	Contextual	• Situational Awareness and Sensory Events	Pilot had no, late or only generic, Situational Awareness
• Electronic Warning System Operation and Compliance			
5	Contextual	• ACAS/TCAS RA	
• See and Avoid			
6	Human Factors	• Monitoring of Other Aircraft	Non-sighting or effectively a non-sighting by one or both pilots

2020080			
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	Human Factors	• Flight Planning and Preparation	
3	Human Factors	• Insufficient Decision/Plan	Inadequate plan adaption
4	Human Factors	• Aircraft Navigation	Flew through promulgated and active airspace
5	Human Factors	• Monitoring of Other Aircraft	Did not avoid/conform with the pattern of traffic already formed
6	Human Factors	• Accuracy of Communication	Ineffective communication of intentions
• Situational Awareness of the Conflicting Aircraft and Action			
7	Contextual	• Situational Awareness and Sensory Events	Pilot had no, late or only generic, Situational Awareness
8	Human Factors	• Lack of Action	Pilot flew close enough to cause concern despite Situational Awareness
• Electronic Warning System Operation and Compliance			
9	Technical	• ACAS/TCAS System Failure	CWS did not alert as expected
• See and Avoid			
10	Human Factors	• Lack of Individual Risk Perception	Pilot flew close enough to cause concern

2020081			
CF	Factor	Description	Amplification
Flight Elements			
• Regulations, Processes, Procedures and Compliance			
1	Human Factors	• Flight Operations Documentation and Publications	Regulations and/or procedures not complied with
• 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	• Situational Awareness and Sensory Events	Pilot was concerned by the proximity of the other aircraft
• Electronic Warning System Operation and Compliance			
4	Contextual	• ACAS/TCAS TA	
• See and Avoid			
5		• Any other event	Perception of conflicting flightpath at night
6	Human Factors	• Monitoring of Other Aircraft	Late-sighting by one or both pilots
7	Human Factors	• Perception of Visual Information	Pilot perceived there was no conflict