

INITIAL OPTIONS APPRAISAL

Summary of Analysis		Minimum practicable noise impact. Option allows for continuous climb operations, minimizing fuel burn and emissions. Not the most direct track for aircraft routing south east, but procedure could be optimised to a more direct track therefore minimising track miles, fuel burn and emissions.														
Group	Impact	Level of Analysis	SID RWY 10 South to East	SID RWY 10 South to West	Transition Baseline (Do Minimum)	Transition RWY 28 from North	Transition RWY 28 from North East	Transition RWY 28 from East	Transition RWY 28 from South East	Transition RWY 28 from South	Transition RWY 10 from North to 2,500ft Approach (East)	Transition RWY 10 from South to 2,500ft Approach (West)	Transition RWY 10 from North to 2,000ft Approach (East)	Transition RWY 10 from South to 2,000ft Approach (West)	Approach Procedure Baseline (Do Minimum)	
Communities	Noise impact on health and quality of life	Initial Options Appraisal: Qualitative	Any departure from RWY 10 at Manston will have to fly over the town of Ramsgate as aircraft will not have achieved the minimum height required to initiate any turns. However, as aircraft proceed on the Do Minimum option due to the location and proximity of Ramsgate in relation to the runway.	Any departure from RWY 10 at Manston will have to fly over the town of Ramsgate as aircraft will not have achieved the minimum height required to initiate any turns. However, as aircraft proceed on the Do Minimum option due to the location and proximity of Ramsgate in relation to the runway.	As this option would rely on tactical vectoring from ATC, there would be no consistency in terms of aircraft routing. Aircraft tracks will vary depending on the direct the aircraft is approaching Manston from.	As this option is solely located over the sea, there is no implications in terms of noise impact on local communities. No change to the Do Minimum option.	As this option is solely located over the sea, there is no implications in terms of noise impact on local communities. No change to the Do Minimum option.	As this option is solely located over the sea, there is no implications in terms of noise impact on local communities. No change to the Do Minimum option.	As this option is solely located over the sea, there is no implications in terms of noise impact on local communities. No change to the Do Minimum option.	As this option is solely located over the sea, there is no implications in terms of noise impact on local communities. No change to the Do Minimum option.	As this option is solely located over the sea, there is no implications in terms of noise impact on local communities. No change to the Do Minimum option.	As this option is solely located over the sea, there is no implications in terms of noise impact on local communities. No change to the Do Minimum option.	As this option is solely located over the sea, there is no implications in terms of noise impact on local communities. No change to the Do Minimum option.	As this option is solely located over the sea, there is no implications in terms of noise impact on local communities. No change to the Do Minimum option.	As this option is solely located over the sea, there is no implications in terms of noise impact on local communities. No change to the Do Minimum option.	
Communities	Air Quality	Initial Options Appraisal: Qualitative	Local Air Quality is likely to be affected by departing aircraft until above 1,000ft. Aircraft flying this departure would be between 250 ft and 1,000 ft while passing over Ramsgate. As the aircraft has not reached a sufficient height to enable a turn at this point, overflying Ramsgate is unavoidable. No change to the Do Minimum option due to the location and proximity of Ramsgate in relation to the runway.	Local Air Quality is likely to be affected by departing aircraft until above 1,000ft. Aircraft flying this departure would be between 250 ft and 1,000 ft while passing over Ramsgate. As the aircraft has not reached a sufficient height to enable a turn at this point, overflying Ramsgate is unavoidable. No change to the Do Minimum option due to the location and proximity of Ramsgate in relation to the runway.	In terms of air quality, although this option would only affect aircraft based at the final approach (i.e. Ramsgate). Having said that, due to the unpredictable nature of traffic presentation, overflight (and therefore air quality) cannot be limited to a particular area.	As this option is for transitions into Manston, there is no effect below 1,000ft. In addition to this, the proposed option is solely located over the sea. No change to the Do Minimum option.	As this option is for transitions into Manston, there is no effect below 1,000ft. In addition to this, the proposed option is solely located over the sea. No change to the Do Minimum option.	As this option is for transitions into Manston, there is no effect below 1,000ft. In addition to this, the proposed option is solely located over the sea. No change to the Do Minimum option.	As this option is for transitions into Manston, there is no effect below 1,000ft. In addition to this, the proposed option is solely located over the sea. No change to the Do Minimum option.	As this option is for transitions into Manston, there is no effect below 1,000ft. In addition to this, the proposed option is solely located over the sea. No change to the Do Minimum option.	As this option is for transitions into Manston, there is no effect below 1,000ft. In addition to this, the proposed option is solely located over the sea. No change to the Do Minimum option.	As this option is for transitions into Manston, there is no effect below 1,000ft. In addition to this, the proposed option is solely located over the sea. No change to the Do Minimum option.	As this option is for transitions into Manston, there is no effect below 1,000ft. In addition to this, the proposed option is solely located over the sea. No change to the Do Minimum option.	As this option is for transitions into Manston, there is no effect below 1,000ft. In addition to this, the proposed option is solely located over the sea. No change to the Do Minimum option.	As this option is for transitions into Manston, there is no effect below 1,000ft. In addition to this, the proposed option is solely located over the sea. No change to the Do Minimum option.	
Wider Society	Greenhouse Gas impact	Initial Options Appraisal: Qualitative	This option allows for continuous climb operations. Routing to the south before turning east will increase the number of track miles flown. Improved climb profile should result in less impact than the Do Minimum option.	Aircraft will be able to perform optimum climb performance initially but aircraft will be required to remain at approximately 7,000 ft until laterally separated the west of annual routes into London airports, resulting in greater fuel burn and emissions. Likely to have similar impact to Do Minimum option due to inefficient climb profiles.	Due to the unpredictable nature of traffic presentation, greenhouse gas emissions would be spread across the airspace and may not be the most efficient method of transition into Manston. Due to the inefficient handling of aircraft, greenhouse gas emissions will likely increase due to an increase in track miles required during vectoring.	This procedure would incorporate a continuous descent profile at optimum aircraft performance and minimises the track miles flown, minimising emissions. More efficient profile should result in less impact than the Do Minimum option.	This procedure would incorporate a continuous descent profile at optimum aircraft performance and minimises the track miles flown, minimising emissions. More efficient profile should result in less impact than the Do Minimum option.	This procedure would incorporate a continuous descent profile at optimum aircraft performance and minimises the track miles flown, minimising emissions. More efficient profile should result in less impact than the Do Minimum option.	This procedure would incorporate a continuous descent profile at optimum aircraft performance and minimises the track miles flown, minimising emissions. More efficient profile should result in less impact than the Do Minimum option.	This procedure would incorporate a continuous descent profile at optimum aircraft performance and minimises the track miles flown, minimising emissions. More efficient profile should result in less impact than the Do Minimum option.	This procedure would incorporate a continuous descent profile at optimum aircraft performance, although this would only be possible when network traffic density was low due to conflicts with traffic performing continuous climb operations inbound from the London TMA. This procedure represents the minimum track miles for aircraft arriving from the west, although it is slightly further than the following option. More efficient profile should result in less impact than the Do Minimum option.	This procedure would incorporate a continuous descent profile at optimum aircraft performance, although this would only be possible when network traffic density was low due to conflicts with traffic performing continuous climb operations inbound from the London TMA. This procedure represents the minimum track miles for aircraft arriving from the west, although it is slightly further than the following option. More efficient profile should result in less impact than the Do Minimum option.	This procedure would incorporate a continuous descent profile at optimum aircraft performance, although this would only be possible when network traffic density was low due to conflicts with traffic performing continuous climb operations inbound from the London TMA. This procedure represents the minimum track miles for aircraft arriving from the west, although it is slightly further than the following option. More efficient profile should result in less impact than the Do Minimum option.	This procedure would incorporate a continuous descent profile at optimum aircraft performance, although this would only be possible when network traffic density was low due to conflicts with traffic performing continuous climb operations inbound from the London TMA. This procedure represents the minimum track miles for aircraft arriving from the west, although it is slightly further than the following option. More efficient profile should result in less impact than the Do Minimum option.	As there is no way to predict or efficiently manage arriving traffic with this option, there is a likelihood of increased track mileage and therefore increased emissions. Furthermore, such approaches increased the likelihood of missed approaches leading to additional approaches and increased track miles and hence emissions.	
Wider Society	Capacity and resilience	Initial Options Appraisal: Qualitative	This option does support the effective management of capacity and resilience and was developed in accordance with the UK Airspace Modernisation Strategy. Due to the more westerly track, aircraft are able to avoid annual routes to London airports, improving airspace efficiency. This route would represent the most direct route for aircraft transitioning to the near continent across the London FIR boundary.	This option does support the management of capacity and resilience and was developed in accordance with the UK Airspace Modernisation Strategy. Due to the more westerly track, aircraft are able to avoid annual routes to London airports, improving airspace efficiency. This route would represent the most direct route for aircraft transitioning to the near continent across the London FIR boundary.	As there is no certainty about the presentation of traffic, the handling of air traffic may not be the most efficient enough to realise the potential capacity and resilience benefits.	This procedure has been designed in consultation with NATS and the FAS-5 programme, in accordance with the UK Airspace Modernisation Strategy. This option enables a consistent approach to aircraft arriving from the airway system (via JKD00) from the north and north west. This enables increased capacity, efficiency and reduced track mileage.	This option will involve aircraft crossing into the LONDON FIR from the adjacent FIR. This route will increase airspace connectivity and capacity for aircraft arriving into Manston from the east.	This option will involve aircraft crossing into the LONDON FIR from the adjacent FIR. This route will increase airspace connectivity and capacity for aircraft arriving into Manston from the east.	This option will involve aircraft crossing into the LONDON FIR from the adjacent FIR. This route will increase airspace connectivity and capacity for aircraft arriving into Manston from the east.	This option will involve aircraft crossing into the LONDON FIR from the adjacent FIR. This route will increase airspace connectivity and capacity for aircraft arriving into Manston from the east.	This procedure has been designed in consultation with NATS and the FAS-5 programme, in accordance with the UK Airspace Modernisation Strategy. This option enables a consistent approach to aircraft arriving from the airway system from the north and east. This enables increased capacity, efficiency and reduced track mileage. Aircraft flying this option would initially fly on the London City Transition and then join the Manston approach procedure.	This procedure has been designed in consultation with NATS and the FAS-5 programme, in accordance with the UK Airspace Modernisation Strategy. This option enables a consistent approach to aircraft arriving from the airway system from the north and east. This enables increased capacity, efficiency and reduced track mileage. Aircraft flying this option would initially fly on the London City Transition and then join the Manston approach procedure.	This procedure has been designed in consultation with NATS and the FAS-5 programme, in accordance with the UK Airspace Modernisation Strategy. This option enables a consistent approach to aircraft arriving from the airway system from the north and east. This enables increased capacity, efficiency and reduced track mileage. Aircraft flying this option would initially fly on the London City Transition and then join the Manston approach procedure.	This procedure has been designed in consultation with NATS and the FAS-5 programme, in accordance with the UK Airspace Modernisation Strategy. This option enables a consistent approach to aircraft arriving from the airway system from the north and east. This enables increased capacity, efficiency and reduced track mileage. Aircraft flying this option would initially fly on the London City Transition and then join the Manston approach procedure.	This procedure has been designed in consultation with NATS and the FAS-5 programme, in accordance with the UK Airspace Modernisation Strategy. This option enables a consistent approach to aircraft arriving from the airway system from the north and east. This enables increased capacity, efficiency and reduced track mileage. Aircraft flying this option would initially fly on the London City Transition and then join the Manston approach procedure.	This option provides limited capacity or resilience as there is no consistency in terms of managing operations in Manston.
General Aviation	Access	Initial Options Appraisal: Qualitative	This route would have minimal impact on other airspace users.	This route would have minimal impact on other airspace users.	Although there are no direct, immediate implications for GA access, this option will lead to the inefficient handling of air traffic, including additional vectoring, restrictions and controls applied to GA traffic.	As this option is solely located over the sea, it will have minimal impact on other airspace users.	As this option is solely located over the sea, it will have minimal impact on other airspace users.	As this option is solely located over the sea, it will have minimal impact on other airspace users.	As this option is solely located over the sea, it will have minimal impact on other airspace users.	As this option is solely located over the sea, it will have minimal impact on other airspace users.	This option does not impose any major restrictions on GA access, although it is worth noting that the area is used extensively for gliding operations, specifically from Challock airfield.	This route would have minimal impact on other airspace users.	This option does not impose any major restrictions on GA access, although it is worth noting that the area is used extensively for gliding operations, specifically from Challock airfield.	This route would have minimal impact on other airspace users.	Although this option would not restrict GA access to Manston, it is likely to be a significant increase in track mileage flown, thereby increase fuel burn.	
General Aviation / commercial airlines	Economic impact from increased effective capacity	Initial Options Appraisal: Qualitative	The introduction of PBN procedures coordinated with NATS and other FAS-5 sponsors will contribute to the delivery of associated benefits including increased effective capacity which is predicted to have direct and indirect economic benefits for airlines and general aviation.	Due to the height restriction prior to clearing the London airport annual routes, additional fuel burn (and therefore additional costs) may be incurred to increase capacity which is predicted to have direct and indirect economic benefits for airlines and general aviation.	The economic impact of this option centres around the increased fuel burn (and therefore increased costs) associated with vectoring flights into Manston. As presentation points may vary, capacity and overall efficiency in terms of routing will be unpredictable.	The introduction of PBN procedures coordinated with NATS and other FAS-5 sponsors will contribute to the delivery of associated benefits including increased effective capacity which is predicted to have direct and indirect economic benefits for airlines and general aviation.	The introduction of PBN procedures coordinated with NATS and other FAS-5 sponsors will contribute to the delivery of associated benefits including increased effective capacity which is predicted to have direct and indirect economic benefits for airlines and general aviation.	The introduction of PBN procedures coordinated with NATS and other FAS-5 sponsors will contribute to the delivery of associated benefits including increased effective capacity which is predicted to have direct and indirect economic benefits for airlines and general aviation.	The introduction of PBN procedures coordinated with NATS and other FAS-5 sponsors will contribute to the delivery of associated benefits including increased effective capacity which is predicted to have direct and indirect economic benefits for airlines and general aviation.	The introduction of PBN procedures coordinated with NATS and other FAS-5 sponsors will contribute to the delivery of associated benefits including increased effective capacity which is predicted to have direct and indirect economic benefits for airlines and general aviation.	The introduction of PBN procedures coordinated with NATS and other FAS-5 sponsors will contribute to the delivery of associated benefits including increased effective capacity which is predicted to have direct and indirect economic benefits for airlines and general aviation.	The introduction of PBN procedures coordinated with NATS and other FAS-5 sponsors will contribute to the delivery of associated benefits including increased effective capacity which is predicted to have direct and indirect economic benefits for airlines and general aviation.	The introduction of PBN procedures coordinated with NATS and other FAS-5 sponsors will contribute to the delivery of associated benefits including increased effective capacity which is predicted to have direct and indirect economic benefits for airlines and general aviation.	The introduction of PBN procedures coordinated with NATS and other FAS-5 sponsors will contribute to the delivery of associated benefits including increased effective capacity which is predicted to have direct and indirect economic benefits for airlines and general aviation.	The introduction of PBN procedures coordinated with NATS and other FAS-5 sponsors will contribute to the delivery of associated benefits including increased effective capacity which is predicted to have direct and indirect economic benefits for airlines and general aviation.	The economic impact assisted with this option is negligible as aircraft may be required to burn more fuel (and therefore cost) as there would be no standardised or consistent method of handling aircraft inbound to Manston.
General Aviation / commercial airlines	Fuel burn	Initial Options Appraisal: Qualitative	This option does not impact on annuals into London airports as it tracks to the South East, therefore, continuous climb operations and an optimal climb gradient can be realised. However, given the proximity to the FIR boundary, the later stages of this 30° or immediate departure from this 30°, aircraft may be required to reduce their climb gradient, depending on the traffic situation in the adjacent FIR. Improved climb profile should result in less impact than the Do Minimum option.	Aircraft will be able to perform optimum climb performance initially but aircraft will be required to remain at approximately 7,000 ft until laterally separated the west of annual routes into London airports, resulting in greater fuel burn. Likely to have similar impact to Do Minimum option due to inefficient climb profiles.	As aircraft will present a variety of different locations depending on their point of origin, this option may require a significant increase in fuel burn.	Most practical and expeditious route, continuous descent at optimum aircraft performance therefore minimises fuel burn for this procedure. Less impact than the Do Minimum option.	Most practical and expeditious route, continuous descent at optimum aircraft performance therefore minimises fuel burn for this procedure. Less impact than the Do Minimum option.	Most practical and expeditious route, continuous descent at optimum aircraft performance therefore minimises fuel burn for this procedure. Less impact than the Do Minimum option.	Most practical and expeditious route, continuous descent at optimum aircraft performance therefore minimises fuel burn for this procedure. Less impact than the Do Minimum option.	Most practical and expeditious route, continuous descent at optimum aircraft performance therefore minimises fuel burn for this procedure. Less impact than the Do Minimum option.	Most practical and expeditious route, continuous descent at optimum aircraft performance therefore minimises fuel burn for this procedure. Less impact than the Do Minimum option.	Most practical and expeditious route, continuous descent at optimum aircraft performance therefore minimises fuel burn for this procedure. Less impact than the Do Minimum option.	Most practical and expeditious route, continuous descent at optimum aircraft performance therefore minimises fuel burn for this procedure. Less impact than the Do Minimum option.	Most practical and expeditious route, continuous descent at optimum aircraft performance therefore minimises fuel burn for this procedure. Less impact than the Do Minimum option.	Most practical and expeditious route, continuous descent at optimum aircraft performance therefore minimises fuel burn for this procedure. Less impact than the Do Minimum option.	Due to the lack of consistency associated with this option, there is likely to be a significant increase in track mileage flown, thereby increase fuel burn.
Commercial airlines	Training costs	Initial Options Appraisal: Qualitative	Due to the current state of Manston Airport, it is anticipated that some pilot training may be required, specific to Manston.	Due to the current state of Manston Airport, it is anticipated that some pilot training may be required, specific to Manston.	At this stage, the development of Manston Airport is too immature to consider airline training costs.	At this stage, the development of Manston Airport is too immature to consider airline training costs.	At this stage, the development of Manston Airport is too immature to consider airline training costs.	At this stage, the development of Manston Airport is too immature to consider airline training costs.	At this stage, the development of Manston Airport is too immature to consider airline training costs.	At this stage, the development of Manston Airport is too immature to consider airline training costs.	At this stage, the development of Manston Airport is too immature to consider airline training costs.	At this stage, the development of Manston Airport is too immature to consider airline training costs.	At this stage, the development of Manston Airport is too immature to consider airline training costs.	At this stage, the development of Manston Airport is too immature to consider airline training costs.	At this stage, the development of Manston Airport is too immature to consider airline training costs.	At this stage, the development of Manston Airport is too immature to consider airline training costs.
Commercial airlines	Other costs	Initial Options Appraisal: Qualitative	Other costs to operators may include updates to aircraft Flight Management Systems (FMS) and navigation databases. Due to the scale of operations, some cost may be incurred to create operational procedures specific to Manston if required.	Other costs to operators may include updates to aircraft Flight Management Systems (FMS) and navigation databases. Due to the scale of operations, some cost may be incurred to create operational procedures specific to Manston if required.	Other costs to operators may include updates to aircraft Flight Management Systems (FMS) and navigation databases. Due to the scale of operations, some cost may be incurred to create operational procedures specific to Manston if required.	Other costs to operators may include updates to aircraft Flight Management Systems (FMS) and navigation databases. Due to the scale of operations, some cost may be incurred to create operational procedures specific to Manston if required.	Other costs to operators may include updates to aircraft Flight Management Systems (FMS) and navigation databases. Due to the scale of operations, some cost may be incurred to create operational procedures specific to Manston if required.	Other costs to operators may include updates to aircraft Flight Management Systems (FMS) and navigation databases. Due to the scale of operations, some cost may be incurred to create operational procedures specific to Manston if required.	Other costs to operators may include updates to aircraft Flight Management Systems (FMS) and navigation databases. Due to the scale of operations, some cost may be incurred to create operational procedures specific to Manston if required.	Other costs to operators may include updates to aircraft Flight Management Systems (FMS) and navigation databases. Due to the scale of operations, some cost may be incurred to create operational procedures specific to Manston if required.	Other costs to operators may include updates to aircraft Flight Management Systems (FMS) and navigation databases. Due to the scale of operations, some cost may be incurred to create operational procedures specific to Manston if required.	Other costs to operators may include updates to aircraft Flight Management Systems (FMS) and navigation databases. Due to the scale of operations, some cost may be incurred to create operational procedures specific to Manston if required.	Other costs to operators may include updates to aircraft Flight Management Systems (FMS) and navigation databases. Due to the scale of operations, some cost may be incurred to create operational procedures specific to Manston if required.	Other costs to operators may include updates to aircraft Flight Management Systems (FMS) and navigation databases. Due to the scale of operations, some cost may be incurred to create operational procedures specific to Manston if required.	Other costs to operators may include updates to aircraft Flight Management Systems (FMS) and navigation databases. Due to the scale of operations, some cost may be incurred to create operational procedures specific to Manston if required.	
Airport / Air navigation service provider	Infrastructure costs	Initial Options Appraisal: Qualitative	The cost assisted with realising this specific option is out of scope. Infrastructure to provide ATS and CNS equipment is within the scope of the wider Manston Airport Development Programme.	The cost assisted with realising this specific option is out of scope. Infrastructure to provide ATS and CNS equipment is within the scope of the wider Manston Airport Development Programme.	The cost assisted with realising this specific option is out of scope. Infrastructure to provide ATS and CNS equipment is within the scope of the wider Manston Airport Development Programme.	The cost assisted with realising this specific option is out of scope. Infrastructure to provide ATS and CNS equipment is within the scope of the wider Manston Airport Development Programme.	The cost assisted with realising this specific option is out of scope. Infrastructure to provide ATS and CNS equipment is within the scope of the wider Manston Airport Development Programme.	The cost assisted with realising this specific option is out of scope. Infrastructure to provide ATS and CNS equipment is within the scope of the wider Manston Airport Development Programme.	The cost assisted with realising this specific option is out of scope. Infrastructure to provide ATS and CNS equipment is within the scope of the wider Manston Airport Development Programme.	The cost assisted with realising this specific option is out of scope. Infrastructure to provide ATS and CNS equipment is within the scope of the wider Manston Airport Development Programme.	The cost assisted with realising this specific option is out of scope. Infrastructure to provide ATS and CNS equipment is within the scope of the wider Manston Airport Development Programme.	The cost assisted with realising this specific option is out of scope. Infrastructure to provide ATS and CNS equipment is within the scope of the wider Manston Airport Development Programme.	The cost assisted with realising this specific option is out of scope. Infrastructure to provide ATS and CNS equipment is within the scope of the wider Manston Airport Development Programme.	The cost assisted with realising this specific option is out of scope. Infrastructure to provide ATS and CNS equipment is within the scope of the wider Manston Airport Development Programme.	The cost assisted with realising this specific option is out of scope. Infrastructure to provide ATS and CNS equipment is within the scope of the wider Manston Airport Development Programme.	
Airport / Air navigation service provider	Operational costs	Initial Options Appraisal: Qualitative	Operational costs are not predicted to vary by individual option.	Operational costs are not predicted to vary by individual option.	Operational costs are not predicted to vary by individual option.	Operational costs are not predicted to vary by individual option.	Operational costs are not predicted to vary by individual option.	Operational costs are not predicted to vary by individual option.	Operational costs are not predicted to vary by individual option.	Operational costs are not predicted to vary by individual option.	Operational costs are not predicted to vary by individual option.	Operational costs are not predicted to vary by individual option.	Operational costs are not predicted to vary by individual option.	Operational costs are not predicted to vary by individual option.	Operational costs are not predicted to vary by individual option.	
Airport / Air navigation service provider	Deployment costs	Initial Options Appraisal: Qualitative	Development costs are not predicted to vary by individual option.	Development costs are not predicted to vary by individual option.	Development costs are not predicted to vary by individual option.	Development costs are not predicted to vary by individual option.	Development costs are not predicted to vary by individual option.	Development costs are not predicted to vary by individual option.	Development costs are not predicted to vary by individual option.	Development costs are not predicted to vary by individual option.	Development costs are not predicted to vary by individual option.	Development costs are not predicted to vary by individual option.	Development costs are not predicted to vary by individual option.	Development costs are not predicted to vary by individual option.	Development costs are not predicted to vary by individual option.	
Safety Assessment	Safety Assessment	Initial Options Appraisal: Qualitative	No significant safety implications were identified during the safety assessment. Departing aircraft will require a deconfliction service to be provided by Manston ATIS for separation with other traffic.	No significant safety implications were identified during the safety assessment. Departing aircraft will require a deconfliction service to be provided by Manston ATIS for separation with other traffic. Potential conflict between departing aircraft and traffic arriving at other London airports in the vicinity of DVN VOR. Mitigated by height restrictions on the Manston departure procedures to ensure departing traffic remains below annuals traffic.	No significant safety implications were identified during the safety assessment. Potential loss of aircraft identification in Windfall clutter, requiring implementation of technical or operational mitigation for the impact of wind turbine generator's on PSR.	No significant safety implications were identified during the safety assessment. Potential loss of aircraft identification in Windfall clutter, requiring implementation of technical or operational mitigation for the impact of wind turbine generator's on PSR.	No significant safety implications were identified during the safety assessment. Potential loss of aircraft identification in Windfall clutter, requiring implementation of technical or operational mitigation for the impact of wind turbine generator's on PSR.	No significant safety implications were identified during the safety assessment. Potential loss of aircraft identification in Windfall clutter, requiring implementation of technical or operational mitigation for the impact of wind turbine generator's on PSR.	No significant safety implications were identified during the safety assessment. Potential loss of aircraft identification in Windfall clutter, requiring implementation of technical or operational mitigation for the impact of wind turbine generator's on PSR.	No significant safety implications were identified during the safety assessment. Potential loss of aircraft identification in Windfall clutter, requiring implementation of technical or operational mitigation for the impact of wind turbine generator's on PSR.	Southernmost Transition option commensurate with airspace used for aerobatic activities associated with gliders from Challock airfield. Potential conflict between heavy transport aircraft and gliders. Unable to adequately mitigate gliders may not be radio equipped and a LOA/MCO not likely to offer robust separation between Manston and Challock traffic.	No significant safety implications were identified during the safety assessment. The procedure is close to the current and proposed Southern CTA.	No significant safety implications were identified during the safety assessment. The procedure is close to the current and proposed Southern CTA.	No significant safety implications were identified during the safety assessment. The procedure is close to the current and proposed Southern CTA.	No significant safety implications were identified during the safety assessment. The procedure is close to the current and proposed Southern CTA.	No significant safety implications were identified during the safety assessment. The procedure is close to the current and proposed Southern CTA.

