

# Route Risk Assessment

## Service 18 Airport - Fort Kinnaird Longstone & Central Garage

Provide details of any identified problems/issues and any control measures/special arrangements undertaken including vehicle type restrictions etc on separate sheet if required			Summarise details & locations	Likely impact of non-competent performance	Summary Controls	Location specific awareness information/training provided to all drivers	Route learning will be provided to all drivers	Drivers encouraged to report incidents/problems	Control/ODT/Drivers engaged in monitoring/improvement	(Task performed competently)			Other - please detail	Resultant route risk level		
Do Any of the Statements listed below have any relevance to the route under review? <i>Tick as appropriate</i>	Yes	No								Severity	Likelihood	Risk rating		Intolerable	Undesirable	Tolerable
Driver has sufficient visibility at any road junctions and/or roundabouts?		✓	Hailesland Road turning into Clovenstone Road restricted visibility - Gillespie Road into Bridge Road - Blind bend - Newtoft Street - Blind bend	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, traffic circulars, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	2	3				3
The route is free from overhanging branches or (or potential) on the route?		✓	Gillespie Road - overhanging branches and bushes road edge	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, traffic circulars, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	2	3				3
Bus lanes bus / bus stops / roads appropriately defined & marked - Free from indiscriminate parking?	✓		All bus stops, lanes marked appropriately - Indiscriminate parking - 1. Edinburgh Park 2. Bankhead Avenue 3. Bridge road 4. Colinton Mains Drive 5. Newtoft Street	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, traffic circulars, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	2	1	3				3
Road restrictions or traffic speed/control measures visible and can be traversed safely (e.g. road humps)?	✓		All measures clearly visible throughout the route.	Driver speeding, vehicle damage, uncomfortable journey for passengers	Qualified PCV drivers, risk aware, customer engagement awareness	YES	YES	YES	YES	1	1	2				2
Timings reflect any congestion issues	✓		Queuing traffic taxis/parking. - peak times and weekend traffic as well as city events might impact timings	Drivers not operating to schedules, Drivers not trained, accidents,	Published service timetable, drivers have time board and AVL system within cab to inform when operating early/late, Qualified drivers, risk aware	YES	YES	YES	YES	1	1	2				2
Route (incl off service routes & normal diversions) suitable for all bus types?	✓		Suitable for all vehicle types including MDV XLB - Tri-Axle operated by Central (See further details below).	Wrong route driven, contact with stationary objects, contact with other road users, <b>Double Deck bus possible contact with Balgreen (Low Bridge 14ft), Roseburn Street Low Bridge (12' 9"), New Street Low Bridge (10' 9"), Calton Road Low Bridge (10' 9"), Brand Place Low Bridge (13' 6"), Spring Gardens Low Bridge (13' 9")</b>	Route risk assessment, Low bridge awareness campaign, Driver route training also includes off service routes, Management awareness posters.	YES	YES	YES	YES	3	1	4	Route information held within control room and schedules, Control room have 'Live' visibility of all vehicles being used on all routes to minimise risk of vehicles colliding with a Low Bridge, liaison with operations ensure procedures are as robust possible.			4
Height restrictions (i.e. low bridges etc on or close to the route)?	✓		Potential impact if wrong route taken <b>Balgreen (Low Bridge 14ft), Roseburn Street Low Bridge (12' 9"), New Street Low Bridge (10' 9"), Calton Road Low Bridge (10' 9"), Brand Place Low Bridge (13' 6"), Spring Gardens Low Bridge (13' 9")</b>	Wrong route driven, contact with stationary objects, contact with other road users, <b>Double Deck bus possible contact with Balgreen (Low Bridge 14ft), Roseburn Street Low Bridge (12' 9"), New Street Low Bridge (10' 9"), Calton Road Low Bridge (10' 9"), Brand Place Low Bridge (13' 6"), Spring Gardens Low Bridge (13' 9")</b>	Route risk assessment, Low bridge awareness campaign, CPC course 2021, Driver route training also includes off service routes	YES	YES	YES	YES	3	1	4	Route information held within control room and schedules, Control room have 'Live' visibility of all vehicles being used on all routes to minimise risk of vehicles colliding with a Low Bridge			4

Provide details of any identified problems/issues and any control measures/special arrangements undertaken including vehicle type restrictions etc on separate sheet if required			Summarise details & locations	Likely impact of non-competent performance	Summary Controls	Location specific awareness information/training provided	Route learning will be provided to all drivers	Drivers encouraged to report incidents/problems	Control/OD/Drivers engaged in monitoring improvement	(Task performed competently)			Other - please detail	Resultant route risk level			
Do Any of the Statements listed below have any relevance to the route under review? <i>Tick as appropriate</i>	Yes	No								Severity	Likelihood	Risk rating		Intolerable	Undesirable	Tolerable	
Are bus stop suitably positioned away from road junctions and other road/traffic hazards?	✓		All stops suitably positioned throughout this service	Drivers not adhering to designated bus stops	Drivers trained in stopping patterns during route learning	YES	YES	YES	YES	1	1	2				2	
Bus stops, BSI and other fixed infrastructure far enough from kerb edges to allow safe entry / exit at bus stops?		✓	All bus stops are suitable positioned - Infrastructure - Gilmerton Road cycle lane separated by bollards - Gyle Centre planters require caution - Euro bins Kerb edge throughout this route.	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	2	1	3	ALL LOCATIONS IDENTIFIED REPORTED TO BSI TO SEEK IMPROVEMENT VIA LOCAL AUTHORITY & CONTRACTORS AS PRACTICABLE				3
Kerbs heights along route do not cause access problems for passengers? / vehicles or restrict vehicles that may be used	✓		Kassel kerbs at various stops throughout the route	Drivers make contact with Kassel kerb when entering bus stop causing vehicle damage	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	1	2				2	
All roads used a public highways? (Access to private land must be with the permission of the landowner. Consideration to a site specific risk assessment should be given when appropriate eg site accessible by controlled access / driver changeover or breaks taken on site / reversing of vehicles is required (with or without banksman)		✓	Only possible private land is; Edinburgh Airport, Edinburgh Park and Royal Infirmary all have been designed for bus access. Vehicles adhere to security requirements of the Airport.	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	1	2	Lothian buses in contact with Airport, Gyle and NHS management to mitigate risks				2
There is no requirement for reversing of vehicles on the route?	✓		No reversing required in normal operation. If driver is required for unforeseen reasons to reverse, Control should be contacted to provide advice	Wrong route taken, driver reverses bus without banksman, damaged bus	Drivers must contact control when wrong route taken, Drivers should not be reversing buses on street	YES	YES	YES	YES	1	1	2				2	
Excessively high numbers of school children use this route?	✓		Route passes a number of schools and at opening / closure high volumes may travel on service with potential for ASB. Parents collecting children slow service & high pedestrian volumes.	Wrong route taken, failure to pick up customers, company reputation, customer complaints, loss of revenue.	Route learning, driver training, route driven by qualified PCV drivers, risk awareness, road markings, signage, speed restrictions (20 mph)	YES	YES	YES	YES	2	1	3				3	
Any expected higher than normal volumes of pedestrians at particular times or days?	✓		1. Morning, evening & weekend peaks 2. Edinburgh festival 3. Edinburgh Christmas & New Year celebrations 4. Edinburgh Marathon 5. Moonwalk 6. City sporting events	Wrong route taken, failure to pick up customers, increase in pedestrian accidents	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	3	1	4				4	
Evidence of assaults / vandalism occurring on services in areas served?	✓		Known ASB Hotspots include Clovenstone - Captain's Road - Moreudun - Hyvots - Gilmerton	Driver confronts youths, escalates the problem, delays service, customer complaints, driver gets hurt, vehicle damage	Driver training, control room procedures, record and report to Police liaison officer	YES	YES	YES	YES	2	4	4	Vehicle design features include: Driver safety screen, radio and emergency alarms on all vehicles - additional measures - H&S Dept, Police liaison officer to monitor assault and vandalism data, increased levels of vandalism since 2022 & during school Hols. Control monitor, alert, respond, attend & divert services as necessary				4
Layover and WC facilities suitable and sufficient	✓		Facilities include, Fort Kinnaird - RIE - Edinburgh Airport	Driver unable to access toilet facilities	Driver issued a key to access toilets on route, agreement in place with council buildings for drivers to use facilities	YES	YES	YES	YES	1	1	2				2	
Evidence to indicate high numbers of passengers with special needs / vulnerability and/or disabilities use this route?		✓	Large numbers of elderly and vulnerable use service for social activities. Tourists may not have English as first language	Harsh braking events, rise in customer complaints, injuries and compensation claims	Route learning, driver training, route driven by qualified PCV drivers, risk awareness, CPC continuous training	YES	YES	YES	YES	3	1	4	Safe, Seated, Set campaign 2024+				4
Bus lanes suitably marked, signed & wide enough for vehicles to use?		✓	All bus lanes suitably marked throughout	Drivers make contact with kerb stationary or other road users	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	1	2				2	

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Do Any of the Statements listed below have any relevance to the route under review? <i>Tick as appropriate</i>	Yes	No								Severity	Likelihood	Risk rating		Intolerable	Undesireable	Tolerable
Route reviewed in dark and street and/or vehicle lighting levels considered suitable		✓	Route reviewed during daylight hours	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	1	2	Incidents & Driver reports monitored by Insurance and Garage management if there is an increased accident rate for services driving during darkness hours an assessment may be required	2		
All drivers have received both route and vehicle familiarisation training for this route and been advised of special arrangements for hazards identified?	✓		Full route training provided. New drivers will be supported by Lead Drivers. Video route is available on Lothian training "YouTube" channel. Vehicle training during initial training, on step up to DD & when new vehicle type introduced to garage	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	1	2	Videoroute produced for registered services.	2		
Manual handling training given (ramp operation) Tick as appropriate	✓		Training given to all drivers on how to use manual ramp. Drivers are not expected to assist passengers with luggage.	Unable to serve disabled customers needs	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	2	1	3		3		
Potential impact of adverse weather and access to gritting plans appropriately considered with outcomes communicated	✓		Potential for route to be subject to ice / snow/ flooded roads/ high winds or temperature extremes. All drivers trained & experienced in area with emergency contact 24/7. Existing Management response procedures will apply. Gritting plans held within depot/ Control	Driver operates vehicle in unsafe conditions	Services operate on main roads that are gritted any roads that are not cleared or driveable services will be curtailed or stopped	YES	YES	YES	YES	2	1	3	Weather warnings & conditions are monitored via Control. & advise of Government adhered to. Winter weather guidance issued. Services varied, curtailed or suspended as necessary. Gritting plans retained within control. High Wind protocols operate for some DD services that operate in exposed areas. Summer uniform arrangements.	3		
Is the route approved for rear door operation and Tri-axle vehicles and suitable? Tick as appropriate	✓		Approved for Tri Axle Mid Door Vehicles operated by Central Garage Only. Bus stops assessed as unsuitable by design for rear doors listed separately & retained at local garage. These include (but not limited to) Gogarstone, Redford Barracks & Collinton Village. Others may be impacted by restricted access due to inconsiderate parking. Drivers should exercise discretion whenever deploying middle doors & if in doubt exit passengers from front.	Wrong route driven, contact with stationary objects, contact with other road users. Passengers unable to exit safely	Route risk assessment, Low bridge awareness campaign, CPC courses Driver route training also includes off service routes. Vehicle familiarisation & type specific guidance on MyLothian	YES	YES	YES	YES	3	1	4	Approved for Central Operated XLB MDV	4		
All other route specific risks identified and controlled?	✓		All risks identified on route and control measures in place. Passengers to and from Airport may carry large volumes of luggage requiring correct storage and additional time to stow prior to departing stops.	Injury to passengers, pedestrians or other road users. Damage to property.	H&S dept. company risk assessments, route risk assessments. Driver training & information	YES	YES	YES	YES	1	1	2		2		
Assessors: Robert Donald, Stephen O'Hara, (Updated Pat Toner & Walter Herring)										Date: September 2025						
Approved by: Will Pare, Craig McCafferty										Date: September 2025						

Note - For risk levels that are Undesireable or Intolerable additional control measures or action should be taken/considered to reduce the risk to Tolerable so far as reasonably practicable