

Get In

Under cover loading bay for three trucks maximum trailer height 4.5m (14ft 6inch)
(2 for the Lyric Theatre and 1 for The Quays Theatre)

Please confirm parking requirements prior to get-in

Bay dimensions: 10.5m (W) x 15.0m (D) x 4.5m (H)

Trucks load into scene store located to the rear of the Lyric stage.

Loading bay floor level to scene store floor level: 1.2m – Dock levellers installed.

Dimensions of dock doors: 6.3m (W) x 3.1m (H)

Scene store dimensions: 14.8m widest point (W) x 14m (D) x 10.5m (H)

Dimensions of opening from scene store to stage: 12m (W) x 9m (H)

Scene store and stage separated by a vertically moving sound / fire door.

(Cannot be open during performance)

Stage Area

Type of stage: Proscenium

Depth of stage from setting line to rear stage wall: 16.2m (Setting line to last flying bar: 14.7m)

Setting line to front of apron: 800mm

Distance from front of apron to rear of safety curtain: 1200mm

Proscenium width: 14m

Proscenium height: 11.2m

False pros variable height (5.5m to 9.5m) and variable width (8.3m to 13.8m)

Maximum width of stage: 29m to counterweight frame stage right

Clear height to grid: 23m

Clearance under lowest stage gallery: 9.5m

Stage floor flat. Hardboard on plywood sub base resting on resilient pads on battens and sleepers. Paint finish, matt black.

Stage floor loading capacity: 7.5kN/sq.m plus point loads of 10kN @ 1.5m centres over 300mm x 300mm square area. **Please check with technical department.**

Seating capacity

Stalls: 819 max (814 with house seat holds)

Circle: 358

Boxes: 48

Upper Circle Lower section: 297

Upper Circle Top section: 281

Standing: 41

Treads loose 6 seats & can only be used with no pit

Sound position loses 25 seats

Small pit loses 17 seats

Medium pit loses 68 seats

Large pit loses 127 seats

Disabled / wheel chair provision at stalls level and first tier boxes

Auditorium treads available SL & SR - Must be confirmed at contract stage

Orchestra Pit / lifts

- Lift no. 1 17m x 2m_(curved) Lowered 6 - 10 musicians (some located under stage under-hang)
Lift no. 2 17m x 2m_(curved) Lowered 45 – 60 musicians (some located under stage under-hang)
Lift no. 3 17m x 2m_(curved) Lowered 60 to 100 musicians (some located under stage under-hang)

Lifts 1 & 2 finished as stage floor surface seats removed on drivable wagon
Lift 3 finished with auditorium carpet seats individually removed

Pit net available for medium and large formats only
Please note that auditorium treads cannot be used with a pit format.

Backstage accommodation

Dressing rooms:

Basement:

| | | |
|-----------------------------|----|-------------------------|
| Orchestra room 1 | 30 | with showers |
| Orchestra room 2 | 30 | with showers |
| Conductors | 5 | with shower and toilet |
| Leaders | 5 | with shower and toilet |
| Basement 1 | 5 | with 3 showers + toilet |
| Basement 2 (Staff changing) | 5 | with 3 showers + toilet |

Stage level:

| | | |
|------------------|----|------------------------|
| Dressing room 1 | 2 | with shower + toilet |
| Dressing room 2 | 3 | with shower |
| Dressing room 3 | 3 | with shower |
| Dressing room 4 | 3 | with shower |
| Dressing room 5 | 19 | with 3 showers |
| Dressing room 6 | 9 | with 3 showers |
| Dressing room 7 | 8 | with shower |
| Dressing room 8 | 3 | with shower and toilet |
| Dressing room 9 | 3 | with shower |
| Dressing room 10 | 3 | with shower |
| Dressing room 11 | 2 | with shower and toilet |
| Dressing room 12 | 4 | with shower |
| Dressing room 21 | 4 | with shower |

TOTAL **146**

Wardrobe at ground floor/ stage level and includes 3 X industrial washing machines, 2 X industrial dryers, irons and ironing boards. (All facilities chargeable)

Visiting company office at ground floor / stage level. With 2 metered telephone points, desk and 13 amp power. Broadband internet access is available and a charge for use applies.

Backstage cafeteria / green room at first floor level.

(Please advise of any special catering needs so arrangements can be made with our catering department)

Rigging and flying

Flying operated stage right at fly gallery level.

Automated House Tabs.

79 single purchase 500kg counterweight sets. Please see plan and hanging plot for available bars.

77 cross stage and 2 up/down stage sets.

Counterweight sets 6, 24, 42, & 60 **NOT** suitable for 'live' flying as they are situated behind structural RSJ's. Please contact the Technical Office for more information.

19m ladder truss pipes at 200mm centres on 6 wires. Pipe extensions available.

Pipe travel: 1170mm above stage floor to 450mm below grid.

1 x up/down truss per side each hung on 3 x 1000kg chain motors.

1 x FOH truss hung on 4 x 1000kg chain motors with 3 x rigging positions.

2 x FOH 1000k chain motors hung on roller beams for PA hangs

(An NRC House Familiar Rigger is required for use of these for PA hangs; cost of which is rechargeable)

8 x Grid frames points & a selection of beam spreaders are available please ask for details

8 x wall anchor points are located on the stage left wall & anchors from the counter weight frame on stage right are available

Masking

Adjustable proscenium flown on two sets.

Header on CW3 track with hard legs on CW4 - These are fixed.

A full stock of black serge masking.

| | | |
|-----------|---------------|---------------------------------|
| For info: | Legs | 5m wide x 12m drop |
| | Borders | 19m wide x 6m drop |
| | Full blacks | 2x 10m wide x 12m drop (2 sets) |
| Also | 1 x cyc | 19m x 12m |
| | 1 white gauze | 19m x 12m |
| | 1 black gauze | 19m x 12m |

Access equipment (shared between venues and subject to availability)

2 powered drivable personnel lift, platform height 6m working height 8m,

1 powered push around personnel lift, platform height 11.1m working height 13.1m

1 Large Tallescope platform height 7.5m working height 9.5m,

1 Medium Tallescope platform height 5.9m working height 7.9m,

Stepladders, hand trucks etc. Please call the technical dept. for full details.

Licensing Requirement

All scenic elements should be made up from non-combustible material and/or inherently flame retardant fabrics. Timber scenery should meet Class 1 when tested in accordance with BS 476 Pt 7. The scenery should be visibly stamped to this effect or its standard should be supported by suitable certification.

Temporary electrical supplies

| | | | | |
|------------------------------|----|------|-----|-----------------------------------|
| Scene store | 1x | 125A | SPN | BS 4343 socket |
| | 2x | 125A | TPN | BS 4343 socket |
| | 1x | 63A | TPN | BS 4343 socket |
| | 3x | 63A | SPN | BS 4343 socket |
| | 1x | 32A | TPN | BS 4343 socket |
| Down stage left | | 400A | TPN | Power Lock (Veam Connectors ONLY) |
| | 2x | 125A | TPN | BS 4343 socket |
| | 2x | 63A | TPN | BS 4343 socket |
| | 1x | 32A | TPN | BS 4343 socket |
| Up stage right | 1x | 125A | TPN | BS 4343 socket |
| | 3x | 63A | TPN | BS 4343 socket |
| | 1x | 32A | TPN | BS 4343 socket |
| Grid level stage left | 1x | 125A | TPN | BS 4343 socket |
| | 2x | 63A | TPN | BS 4343 socket |
| | 1x | 32A | TPN | BS 4343 socket |
| Downstage right | | 200A | TPN | Power Lock (Veam Connectors ONLY) |
| Fly floor stage right | 1x | 63A | TPN | BS 4343 socket |
| | 1x | 32A | TPN | BS 4343 socket |
| Clean earth supplies: | | | | |
| Scene store | | 125A | SPN | BS 4343 socket |
| Stage left and stage right | | 125A | SPN | BS 4343 socket |
| Adjacent to all sound boxes | | 13A | SPN | BS 4343 twin sockets |

Stage lighting

Lanterns are shared between 3 theatres & must be booked in advance. The Lyric & Quays Theatres come with a standard FOH rig, cyc floods and followspots. Charges apply to some items, which are marked POA. **N.B.** Lighting equipment must be rigged & de-rigged for each show the only fixed element of the lighting system is the standard FOH rig & Follow-spots.

Control suite

Situated to the rear of the stalls level with access to the stalls and foyer. Control suite consists of three rooms with interlocking doors, suitable for wheel chair access.

Lighting control – house right – with opening window

Sound control - house centre – with no window

Broadcast / translation room – house left – fixed window

Control

Lighting control room to rear of stalls level. Space available for touring console.

Console: ETC Gio 4k With 2 x 20 fader wing & 2 x 23inch touch screen

Back up/plotting : ETC Ion with 2 x 20 fader wing and 2 x 23 inch display

House lights and working lights are controllable via ETC Paradigm as DMX channels from the lighting desk on a HTP precedent.

Dimmers

EC90. 504 x 3kw and 54 x 6kw. Please enquire re distribution

Building wide Howard Eton DMX and Ethernet System and Patch including fibre optic link between the Lyric & Quays Theatres.

Please note that the venue use 2 streams of DMX address for running production/house dimming, and that all overhead dimmer outlets are via SOCAPEX connection.

Lighting Positions

| | |
|-----------------------------|--|
| Front slots left and right | (Pros boom position) |
| Rear slots left and right | (In line with the dress circle ends) |
| First tier front and sides | (Dress circle front) |
| Second tier front and sides | (Upper circle front) |
| Bridge 1 | (12m above stage level 3.3m from the iron line) |
| Bridge 2 | (16m above stage level 11.3m from the iron line) |
| Bridge 3 | (16.5m above stage level 16m from the iron line) |
| Followspot room | (16.5m above stage level 19m from the iron line) |
| Promenade left and right | (At the side of the 2 nd level of the upper circle) |

The first useable bar for rigging LX on is CW 6 & has a standard pre-wired bar of 36 dimmer lines & 3 non dims hung on it

Lantern Stock

Permanent FOH Rig (Any items moved must be re-rigged as part of the get-out)

Bridge 1 (only suitable for top light DS and on the apron)

| | | | |
|------|----------------------|-------|------------------|
| 2 x | Strand Cantata 11/26 | 1.2kw | MD Specials |
| 12 x | Strand Cantata 18/32 | 1.2kw | |
| 2 x | Freedom Fresnels | 600w | Pit general wash |

Bridge 2 (FOH 1)

| | | | |
|------|--------------------------------------|------|-----|
| 12 x | 14deg ETC Source 4 with iris | 750w | |
| 6 x | 14deg ETC Source 4 Luster2 with Iris | 100w | LED |

Bridge 3 (FOH 2)

| | | | |
|------|--|------|-----|
| 12 x | 14deg ETC Source 4 with iris | 750w | |
| 6 x | 14deg ETC Source 4 HD Tungsten with Iris | 100w | LED |

Slot 1 (Pros boom)

No fixed units

Slot 2

| | | | |
|------|------------------------------|-------|------------|
| 12 x | 19deg ETC Source 4 with iris | 750w | 6 per side |
| 2 x | Strand Cantata 11/26 | 1.2kw | Logo gobos |

Promenade

| | | | |
|-----|------------------------------|-------|------------|
| 8 x | 14deg ETC Source 4 with iris | 750w | 6 per side |
| 2 x | Strand Cantata 11/26 | 1.2kw | Logo gobos |

Upper circle

| | | | |
|-----|------------------------------|-------|-------------|
| 8 x | 19deg ETC Source 4 with iris | 750w | |
| 2 x | Freedom Fresnels | 1.2kw | Tab warmers |

Dress circle

| | | | |
|-----|------------------|-------|-------------|
| 2 x | Freedom Fresnels | 1.2kw | Tab warmers |
|-----|------------------|-------|-------------|

Loose Equipment Profiles

| | | | |
|------|-------------------|------|--|
| 36 x | Strand SL 15/32 | 600w | |
| 18 x | Strand SL 23/50 | 600w | |
| 8 x | ETC S4 19deg | 750w | |
| 16 x | ETC S4 26 deg | 750w | |
| 16 x | ETC S4 36deg | 750w | |
| 12 x | Selecon SPX 15/35 | 800w | |
| 12 x | Selecon SPX 25/50 | 800w | |

Fresnels / PC's

| | | | |
|------|-----------------|-------|--|
| 30 x | Alto Fresnel | 2.5kw | |
| 16 x | Alto PC | 2.5kw | |
| 80 x | Cantata Fresnel | 1.2kw | |
| 36 x | Cantata PC | 1.2kw | |

Par Cans

92 x Par 64 (50 xCP62: 24xCP61: 6xCP60; 12 x CP62 scroller cans)
24 x Par 64 CP62 (mounted on 2x 6way bars)
12 x Par 64 CP61 (mounted on 2x 6way bars)
6 x Par 64 CP60 (mounted on 1x 6way bar)
24 x Par 64 floor cans (10xCP62: 10xCP61: 4xCP60)
12 x Barn doors
24 x CE source 4 Pars (mounted on 4x 6way bars)
12 x ETC ColorSource Deep Blue LED Par with MFL filter (POA)

Floods

| | |
|---------------------------------|------|
| 9 x Thomas 4 cell ground row | 1kw |
| 9 x Thomas 4 cell Flood battens | 1kw |
| 15 x Coda 1 | 500w |
| 8x Nocturne 1 | 1kw |

Followspots

| | |
|--------------------------|-----------|
| 2 x Robert Juliat Aramis | 2.5kw HMI |
|--------------------------|-----------|

Moving Lights POA

10 x Martin MAC 700 moving head profile
4 x Martin MAC 250 moving head profile
6 x Martin MAC 500 moving head profile)
8 x Martin MAC 600 moving head fresnel/wash lamp
16 x Chauvet Rogue R2 LED wash moving head

Miscellaneous items POA

2 x MDG Atmosphere haze machine
3 x Look Solution Unique 2 haze generator
1 x Look Solution Viper NT fog generators
1 x Look Solution Tiny C07 small battery-driven fog generator
2 x 16inch mirror balls
1 x Anytronics DMX strobe
2 x Thunderdroom 3000 DMX strobe
1 x 6 way Le-Maitre Pyro firing unit
1 x Bomb tank
10 x Le-Maitre pyro firing pods – 2 x angled pods
Various birdies
Various stands/cables/multicores etc.

Visiting companies must supply their own gel though a small stock of Pre-cut colour is available F.O.C.

Use of Pyrotechnics, smoke, vapour, laser & other special effects.

The Lowry MUST be informed prior to the production arriving at the venue that a company intends to use special effects. The full details along with risk assessments must be supplied and in some cases these need to be passed to the licensing authorities before authorisation to use them is granted.

Updated 27/06/2018

Sound and communications

Audio tie line infrastructure

48 way starquad audio tie line loop for microphone circuits, terminating on 3 x 16 way multipin sockets at each stage corner, orchestra pit, sound control room and mixing location centre stalls.

32 way starquad audio tie line loop for output/return circuits, terminating on 2 x 16 way multipin sockets at the sound control room, mixing location centre stalls, audio rack room, communications rack room, stage left and right touring sound location.

Loudspeaker line infrastructure

Bi-amped loudspeaker lines on NL4 sockets to stage, sub-stage, pit, fly galleries, proscenium slots. Non bi-amped loudspeaker lines to side and rear auditorium at all levels

and to under balcony delay locations. Loudspeaker lines terminate on loudspeaker patch in

coms rack room, with bi-amped lines to off stage left and right touring sound locations.

Sound mixing console

Yamaha QL5 Digital Console with RIO 3224D stage box

Subject to availability alternative house consoles are:

Soundcraft Vi3000 Digital Console with digital stage box

Yamaha LS9-16 Digital Console

Soundcraft Series 5 24 mic channels /4 Stereo channels

Allen & Heath Mix Wizard 14:4:2 10 mic channels/2 Stereo Channels

The console is normally located in the sound control room to the rear of the stalls level. The room is open to the auditorium with no window. This position is available immediately in front of the control room, dimensions for this auditorium position are 3.5m X 1.75m, racks etc can be extended back into the control room to gain additional depth.

This position is subject to management agreement & must be agreed at contract as seats need to be removed from sale.

Installed loudspeaker system

(Suitable for spoken word, theatre playback, comedy, jazz & folk music; For music gigs we would recommend the hire or supply of additional Left/Right or flown PA; these costs are re-chargeable)

Loudspeakers installed

Loudspeaker system processing: A&H iDR8/16

| | | |
|-----------------------------|-------------------|--|
| Proscenium: | 6 x Meyer MSL2-1C | 4 inputs Stalls L/R, Circle & Tier L/R |
| Side fill: | 2 x Meyer UPA-1C | 2 input L&R |
| Stalls Sub bass: | 2 x D&B B22 | 1 input |
| Upper Circle Sub bass: | 2 x Meyer USW-1 | 1 input |
| Front fill: | 6 x D&B E6 | 2 inputs Inners & outers |
| Stalls Delays: | 8 x D&B E6 | 2 inputs Inners & outers |
| Circle Delays: | 8 x D&B E6 | 2 inputs Inners & outers |
| 3 rd Tier Delay: | 7 x Meyer UPM-1 | 1 input |
| Central cluster: | 4 x Meyer UPA-1A | 2 inputs upper & lower |

(2 additional MSL2's can be added to the stalls for additional level & coverage)

Loudspeakers non-installed (Subject to availability & a hire cost; up to 4 wedges are included per venue)

Foldback / effects:

- 6 x APG DX12 (can run as 6 mixes) (No flying frames) (Speaker stand compatible)
- 8 x APG DX15 (can run as 8 mixes) (No flying frames) (Speaker stand compatible)
- 8 x Nexo PS-15 (can run as 6 mixes; 6 flying frames available)
- 2 x Meyer UPA 1P (Self Powered; No flying frames)
- 4 x Meyer UPA 1C (can run as 4 mixes) (flying frames available)
- Extra Sub bass 2x Nexo LS-1200 (can run with PS15 as Drum fill or extra FoH)

Outboard equipment

- 1 x PC with control of iDR8 processor & EQ for FOH system
- 1 X Mac Mini with Q-Lab 3 & Saffire PRO 40 Focusrite sound card
- 1 x Neumark twin Compact disc –player

Microphones

(This equipment is shared between 3 theatre spaces corporate facilities & must be booked in advance)

- 8 x Shure Beta 58
- 8 x Shure 58
- 4 x Shure Beta 57
- 4 x Shure 57
- 2 x Shure Beta 87
- 5 x Sennheiser MKH40
- 2 x Sennheiser MKH60
- 4 x Sennheiser E604 Evo drum mics
- 8 x Crown PCC160
- 1 x AKG 414B-ULS
- 2 x AKG 414B-XLS
- 8 x AKG CK91
- 2 x Beyer 201
- 2 x Beyer M88
- 1 x Beta Shure 52
- 4 x DPA 4099 (Classical kit)
- 2 x Budget switched vocal mics
- 10 x BSS Active DI

Radio microphones (Subject to availability and a hire cost)

- 1 x Shure ULX-D 2 way receiver racks
- 2 x Shure ULX-D 4 way receiver racks
- 4 x Shure ULX-D Handheld radio mics with SM58 or SM58 Beta
- 2 x Shure ULX-D Handheld radio mics with SM58
- 6 x Shure ULX-D body pack
- 6 x Shure MX 185 clip mic heads
- 6 x DPA 4061 clip mic heads
- 6 x DPA 4066 head mics
- 2 x Shure GLX-D 2.4Ghz SM58 systems (Suitable for Q&A; God Mic use etc)

Selection of stands, cables, connectors are available.

Please check with the technical department for frequencies available for toured equipment.

Please note we hold a venue licence for shared channel 38 but this may be allocated to another production. Please be advised that Media City is located next to our venue and use some Channel 38 radio mics, we would always recommend using site specific licenced channels where possible. We hold 23 spot frequencies on channel 40-45 which are allocated to our own theatre radio mics & corporate AV department radio mics. By request 5 of these frequencies are available for tour use. On occasion we are able to release spot frequencies held for house equipment to allow tours to book whole blocks of channels. This must be agreed in advance and requires us as the venue to authorise their release to OFCOM :

626.000(40); 626.600(40); 630.850(41); 636.600(41); 638.200(42)

Specific frequency allocations MUST be approved in advance of arrival to avoid issue with other productions & events taking place at the same time. The Lowry will not permit the use of radio equipment without this advanced detailed notice.

Loudspeaker & Floor Mounted Equipment.

The visiting producer shall ensure that the location of speaker stacks where possible are located upstage of the fire safety curtain, and that if speakers must be located beyond this point that they are securely fixed, do not obstruct sightlines and provide a minimum of 3m separation to the nearest seat which will require the removal of seats from sale prior to the engagement.

In all circumstances no equipment shall obstruct the fire safety curtain.

Stage managers desk; Ring intercom & Video System

A mobile GDS SM desk connects either stage left or stage right, paging control and four-channel Clearcom Helixnet intercom master station & cue light control, patchable system with boxes normally located at LX control, sound control & fly floor please check for availability of Q-lights boxes. The desk is equipped with 3 colour video monitors. A BNC 75ohm patching system with distribution is available. 2 video cameras: 1 x colour, 1 x IR Camera Show relay and call system to backstage areas are installed.

Clear-com digital Helixnet partyline coms system & 4 way 2channel RTS radio coms system is installed. Helixnet twin channel belt packs and headsets are located at LX control, sound control, fly floor, follow-spots & Stage Mangers desk. Please check for availability of additional sets.

Assisted listening system

Two channel Sennheiser infrared listening system suitable for use by hearing impaired persons & audio description.

A Sennheiser Mobile Connect system is installed for customers to access show relay and audio description, when available, via compatible mobile devices.

AV Equipment

Subject to availability and a hire cost a Panasonic PT-DZ770EJK (7,000 Lumen single chip DLP projector). A flying frame and DMX mask are supplied with the unit along with a lens which we have the options of a Standard lens (1.7 – 2.3) or Short throw lens (0.8 –1).

Subject to availability and a hire cost a 4.2m x 3.6m screen with front and rear surface options is available (This gives a 16x9 ratio screen size)

Subject to availability and a hire cost a MacBook Pro can be supplied for PowerPoint; Keynote or QLab3 (Stereo Audio only from the on-board sound card)

Other projector options are hired in from a local AV firm whom we are able to obtain competitive rates from. Please enquire if you have a specific AV set-up you require.

| Bar No. | From edge of stage | From CW 2 (setting line) | From CW 6 | Notes |
|---------|--------------------|--------------------------|-----------|--|
| 1 | 1.3 | -0.2 | -1 | Surtitles only |
| 2 | 1.5 | 0 | -0.8 | House Tabs |
| 3 | 1.7 | 0.2 | -0.6 | Hard Header |
| 4 | 1.9 | 0.4 | -0.4 | Adjustable Pros Panels |
| 5 | 2.1 | 0.6 | -0.2 | Show Cloth Only |
| 6 | 2.3 | 0.8 | 0 | LX 1 Pre-Wired Bar Not Suitable For Live Flying |
| 7 | 2.5 | 1 | 0.2 | |
| 8 | 2.7 | 1.2 | 0.4 | |
| 9 | 2.9 | 1.4 | 0.6 | |
| 10 | 3.1 | 1.6 | 0.8 | |
| 11 | 3.3 | 1.8 | 1 | |
| 12 | 3.5 | 2 | 1.2 | |
| 13 | 3.7 | 2.2 | 1.4 | |
| 14 | 3.9 | 2.4 | 1.6 | |
| 15 | 4.1 | 2.6 | 1.8 | |
| 16 | 4.3 | 2.8 | 2 | |
| 17 | 4.5 | 3 | 2.2 | |
| 18 | 4.7 | 3.2 | 2.4 | |
| 19 | 4.9 | 3.4 | 2.6 | |
| 20 | 5.1 | 3.6 | 2.8 | |
| 21 | 5.3 | 3.8 | 3 | |
| 22 | 5.5 | 4 | 3.2 | |
| 23 | 5.7 | 4.2 | 3.4 | |
| 24 | 5.9 | 4.4 | 3.6 | Not Suitable For Live Flying |
| 25 | 6.1 | 4.6 | 3.8 | |
| 26 | 6.3 | 4.8 | 4 | |
| 27 | 6.5 | 5 | 4.2 | |
| 28 | 6.7 | 5.2 | 4.4 | |
| 29 | 6.9 | 5.4 | 4.6 | |
| 30 | 7.1 | 5.6 | 4.8 | |
| 31 | 7.3 | 5.8 | 5 | |
| 32 | 7.5 | 6 | 5.2 | |
| 33 | 7.7 | 6.2 | 5.4 | |
| 34 | 7.9 | 6.4 | 5.6 | |
| 35 | 8.1 | 6.6 | 5.8 | |
| 36 | 8.3 | 6.8 | 6 | |
| 37 | 8.5 | 7 | 6.2 | |
| 38 | 8.7 | 7.2 | 6.4 | |
| 39 | 8.9 | 7.4 | 6.6 | |
| 40 | 9.1 | 7.6 | 6.8 | |
| 41 | 9.3 | 7.8 | 7 | |
| 42 | 9.5 | 8 | 7.2 | Not Suitable For Live Flying |
| 43 | 9.7 | 8.2 | 7.4 | |
| 44 | 9.9 | 8.4 | 7.6 | |
| 45 | 10.1 | 8.6 | 7.8 | |
| 46 | 10.3 | 8.8 | 8 | |
| 47 | 10.5 | 9 | 8.2 | |
| 48 | 10.7 | 9.2 | 8.4 | |
| 49 | 10.9 | 9.4 | 8.6 | |
| 50 | 11.1 | 9.6 | 8.8 | |
| 51 | 11.3 | 9.8 | 9 | |

| | | | | |
|----|-------------|------|------|------------------------------|
| 52 | 11.5 | 10 | 9.2 | |
| 53 | 11.7 | 10.2 | 9.4 | |
| 54 | 11.9 | 10.4 | 9.6 | |
| 55 | 12.1 | 10.6 | 9.8 | |
| 56 | 12.3 | 10.8 | 10 | |
| 57 | 12.5 | 11 | 10.2 | |
| 58 | 12.7 | 11.2 | 10.4 | |
| 59 | 12.9 | 11.4 | 10.6 | |
| 60 | 13.1 | 11.6 | 10.8 | Not Suitable For Live Flying |
| 61 | 13.3 | 11.8 | 11 | |
| 62 | 13.5 | 12 | 11.2 | |
| 63 | 13.8 | 12.3 | 11.5 | |
| 64 | 13.9 | 12.4 | 11.6 | |
| 65 | 14.1 | 12.6 | 11.8 | |
| 66 | 14.3 | 12.8 | 12 | |
| 67 | 14.5 | 13 | 12.2 | |
| 68 | 14.7 | 13.2 | 12.4 | |
| 69 | 14.9 | 13.4 | 12.6 | |
| 70 | 15.1 | 13.6 | 12.8 | |
| 71 | 15.3 | 13.8 | 13 | |
| 72 | 15.5 | 14 | 13.2 | |
| 73 | 15.7 | 14.2 | 13.4 | |
| 74 | 15.9 | 14.4 | 13.6 | |
| 75 | 16.1 | 14.6 | 13.8 | |
| 76 | 16.3 | 14.8 | 14 | |
| 77 | 16.5 | 15 | 14.2 | |
| 78 | Stage Right | 0 | 0 | |
| 79 | Stage Left | 0 | 0 | |