

Table 3: These flights are from: Salisbury (Harare-Zimbabwe) – To – Mongu (Zambia) Via: Kariba – Lusaka – Livingstone. To avoid repetition the flights below are:

Livingstone to Mongu
Mongu to Lusaka
Lusaka to Mongu
Mongu to Livingstone

Flight Briefing: This flight is a continuation of a flight from Table 1 which started at Kariba. Mongu is close to the Angolan Border and is the capital city of the W. Province of Zambia. The city is situated on the Bartus Flood Plain which is sourced from the Zambezi River. In January, there are often floods in the area at the height of the rainy season. A bumpy takeoff on this flight, from a short gravel runway (33) at Livingstone. There will be short period without Nav Aids; This leg of the flight was every Tuesday.								
DCA Flight No	H-CAA Flight Number	From/To	Dep.	Arr.	From	To	NM & Alt	Description
H-C87-02	CH 87	Livingstone To Mongu	12:10	13:50	FLLI	FLMG	230 6,500	<p>Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).</p> <p>Tune NAV 1 to VLI VOR to (112.50) Set OBS to 323° for DME and NAV & tune ADF 1 to MG NDB (391.0*)</p> <p>Take off runway 33 start your climb to 6,500' make a slight course adjustment to 323° to intercept VLS VOR Radial. When needle centres (and/or +/- 5.5nm) Fly direct to MG NDB. At +/- 55mins VLI VOR signal will fade</p> <p>Remain on 323° heading to MG NDB. After +/- 60mins MG NDB should come into range. Adjust heading and continue on 323°</p> <p>At MG NDB Slow to approach speed and turn left to 286° outbound for 3mins to Fix 01 (Back Bearing to MG NDB = 106°) Start a 600fpm descent for the Airport.</p> <p>After 3mins (Fix 01) Start a left- hand 180° turn and roll out on to 100° and Fix 02. The Rwy should be straight ahead once the turn is completed</p> <p>At Fix 02. Continue with the descent on 100° inbound and the FAF to Rwy 10 and FLMG.</p> <p>Airport Alt: 3,464,</p>

Flight Briefing: The last flight from Table 3. It's the leg of the Mongu-Salisbury flight (arriving in Salisbury at 16:50hrs) via Lusaka City. It operated every Thursday. As with some of the previous flights, there are no NAV Aids for approx 20mins. This is a City Centre AP. You'll fly over the city for a while and there may be some high-rise buildings to be aware of.

DCA Flight No	H-CAA Flight Number	From/To	Dep.	Arr.	From	To	NM & Alt	Description
H-C 88-01	CH 88	Mongu To Lusaka City	14:40	16:50	FLMG	FLLC	314 7,500	<p>Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).</p> <p>Tune NAV 1 to VLS VOR (113.50*) Set OBS to 099° and ADF 1 to MG NDB (391.0)</p> <p>Take off Rwy 10 and start to climb to 7,500'. Fly Rwy heading once climb is established (Fix 01)</p> <p>At Fix 01 Turn left to hdg 088° for +/- 3mins to Fix 02. Monitor the RMI needle. When it points to back bearing 268° continue outbound on a hdg 099°</p> <p>Signal from MG NDB will fade at +/- 32mins Remain on 099° hdg direct to VLS VOR.</p> <p>The signal from VLS VOR should be received after +/- 50mins. Monitor the OBS Needle and adjust hdg accordingly.</p> <p>Fly direct to VLS VOR</p> <p>At VLS VOR: Slow to approach speed and make a right turn to 180°. Fly this heading for 3nm DME from VLS VOR. (+/- 2mins) to Fix 03</p> <p>At Fix 04 turn right to 260° continue with descent and adjust heading the visual approach to Rwy 26</p> <p>Land Rwy 26</p> <p>AP Alt: 4,199'</p>

Flight Briefing: This flight operated every Thursday. It started out from Salisbury 08:00hrs and has arrived via Kariba. There is a stretch where there are no NAV aids. On take-off intercept the VLS VLI VOR situated at Lusaka Int. outbound radial to maintain DME and correct heading. It should be a 'straight in' approach to Rwy 28' The Rwy is partially obscured by a hill on approach. The AP sits in a 'dip' in the terrain. An e6b will be of great use on this flight. **NOTAM:** Timings for the leg between Fix 01 & Fix 02 are based on a cruise speed of 140knts

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H-C 89-01	CH 89	Lusaka City To Mongu	11:00	13:30	FLLC	FLMG	301 6,500	<p>Tune NAV 1 to VLS VOR (113.50) for DME and NAV information. Set OBS Needle to 278° for an Outbound Bearing. Tune ADF 1 to MG NDB (391.0*)</p> <p>Take off on Rwy 26 start to climb to 6,500'</p> <p>Once climb is established turn to 295° for Fix 01 where the OBS will centre as you intercept the Outbound Radial from VLS VOR (At +/- 20nm DME from VLS VOR)</p> <p>At Fix 01. Turn to a heading of 278° for the VOR Radial Remain on this heading until Fix 02.</p> <p>VLS VOR Signal will fade (+/- 83mins) There's then +/- 40nm without NAV Aids until the MG NDB signal is received. (+/- 100mins in to the flight)</p> <p>Once signal is received. Correct heading (278°) to Fix 02 and then MG NDB</p> <p>At Fix 02 (115mins) in to the flight Slow to 120knts and start a 500fpm descent to 4,500' Monitor ADF 1 Needle for NAV purposes and adjust heading to 283° Once Rwy is in sight continue descent to Rwy 28 (actual Rwy heading is 283°) AP Alt: 3,464</p>

Flight Briefing: Back to Livingstone and another long flight. This leg starts at Mongu and after Livingstone, it's on to Kariba, and then ends at Salisbury at 18:55. At one point you will be in Botswana as you fly over Kasane AP (FBKE) for KSV VOR. Use MG NDB (391.0) for an initial back-course bearing. There will be a period of approx 10mins without Nav Aids between ADF NDB and KSV VOR. This flight operated every Thursday.								
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H-C90-02	CH 90	Mongu To Livingstone	13:50	15:30	FLMG	FLLI	232 5,500	Tune NAV 1 to KSV VOR (113.30*) and set OBS Needle to 151° Tune ADF I to MG NDB (391.0) Take off Rwy 10 and start to climb to 5,500 and maintain Rwy Hdg for 1min. After 1min turn to a hdg of 165° to intercept the Outbound signal from MG NDB (Back course Bearing to MG NDB = 331°) When ADF Back Course heading shows 331° your heading should be 151° Fly this hdg towards KSV VOR After +/-32mins MG NDB signal will fade. When KSV VOR signal comes into range (+/- 40mins) adjust heading if needed to 151°. Fly direct to KSV VOR At KSV VOR you will be over Kasane AP (FBKE) turn left to 095° Tune NAV 1 to VLI VOR and set OBS to 095° Fly direct to Fix 01 on the 095° Radial At Fix 01 9.5nm from VLI VOR. Slow to 120knts and start a 500fpm descent for the AP. The Rwy should be in sight. Adjust heading for the FAF and land Rwy 10 (100°) AP Alt: 3,251'