

Project: Tung Chung New Town Extension
Project No.: 219844-70
Tilte: Helicopter Noise Assessment Area Determination

With reference to the International Civil Aviation Organisation,
the L_{max} (with lateral movements) for helicopter Super Puma AS 332 L2, EC155 B1, MD 902, AW 139, S-76 and S-92A were :

Flying mode	L _{max} Noise Level at 150m, dB(A) ^[1]					
	Super Puma AS332 L2	EC155 B1	MD 902 Explorer	AW 139	S-76	S-92A
Flyover ^[1]	85.7	82.9	80.3	84.3	83.3	86.8

Note :
[1] Noise level was measured at 150m (free field)

S-92A

Flying mode	Separation Distance ^[1] (m)	L _{max} at 150m dB(A)	Correction			Corrected L _{max} dB(A)	Noise Criteria dB(A)	Exceedance dB(A)
			Distance dB(A)	Barrier dB(A)	Facade dB(A)			
Flyover	250	86.8	-4.4	0	3	85	85	-

Note:
[1] Only horizontal distance is adopted as conservative assessment.