



## SOUTHAMPTON AIRPORT - RUNWAY 02/20

## Mu-meter Test Results

Date: 4 June 1993  
 Condition: Good  
 Surface description: Brushed concrete  
 Rubber deposits: Light  
 Weather: Fine, sunny

Run No	Direction	Speed km/h	Dist from C/L	Self Wet	Mu-meter reading		
					Rwy 02 threshold end	Centre third	Rwy 20 threshold end
1	02	64	1m N	Off	0.82	0.81	0.80
2	20	130	3m N	On	0.57	0.56	*0.52
3	02	130	4m N	On	*0.55	0.57	0.55
4	20	130	3m S	On	0.56	0.59	*0.58
5	02	130	4m S	On	*0.56	0.57	0.59
6	20	130	10m N	On	0.60	0.60	*0.53
7	02	130	2m S	On	0.67	-	-
8	02	32	2m S	On	-	0.61	-
9	20	64	4m S	On	-	0.62	-
+10	02	97	5m N	max	0.54	0.54	0.52
11	20	64	1m N	Off	0.79	0.80	0.80

\* Not full third - vehicle accelerating

+ Carried out for purpose of comparison with US test methods

Average 64 km/h dry reading (Runs 1 & 11): 0.80

Average UK self-wet reading (Runs 2-5, full thirds only): 0.57

G-JETB COMPARISON OF THEORETICAL AND MEASURED RUNWAY FRICTION

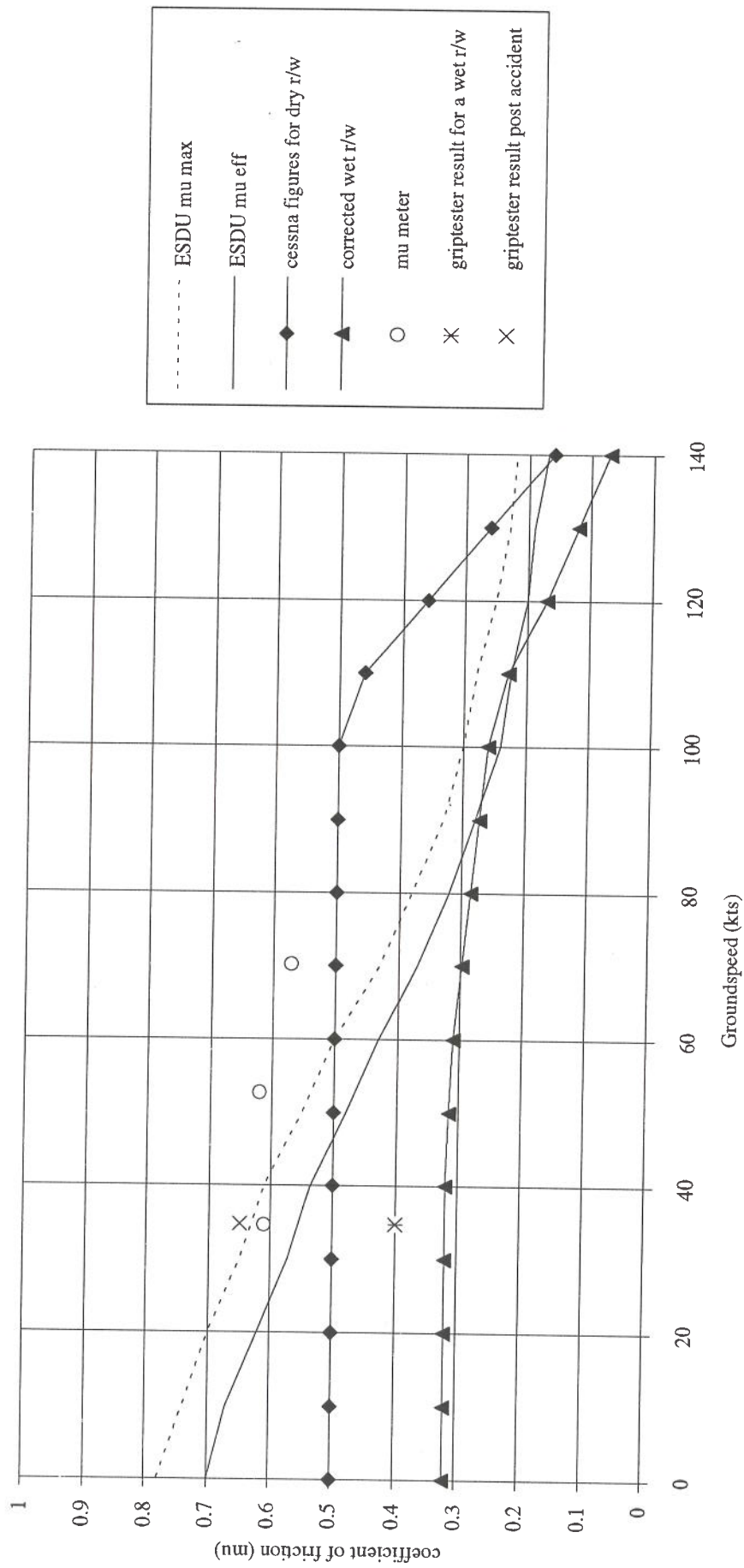


Figure C-1

# G-JETB GROUND DISTANCE REQUIRED TO STOP

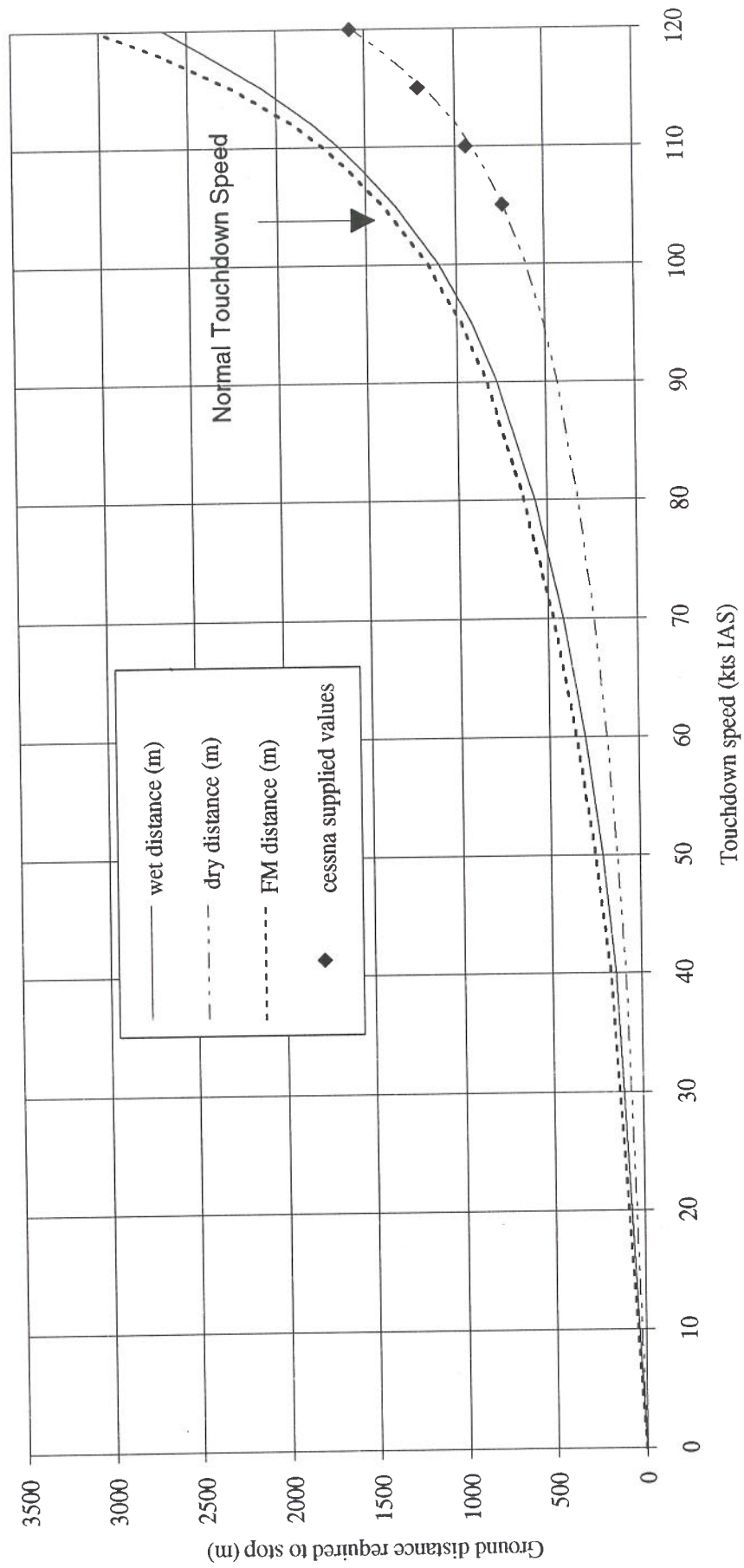


Figure C-2





LEFT TYRE



RIGHT TYRE

