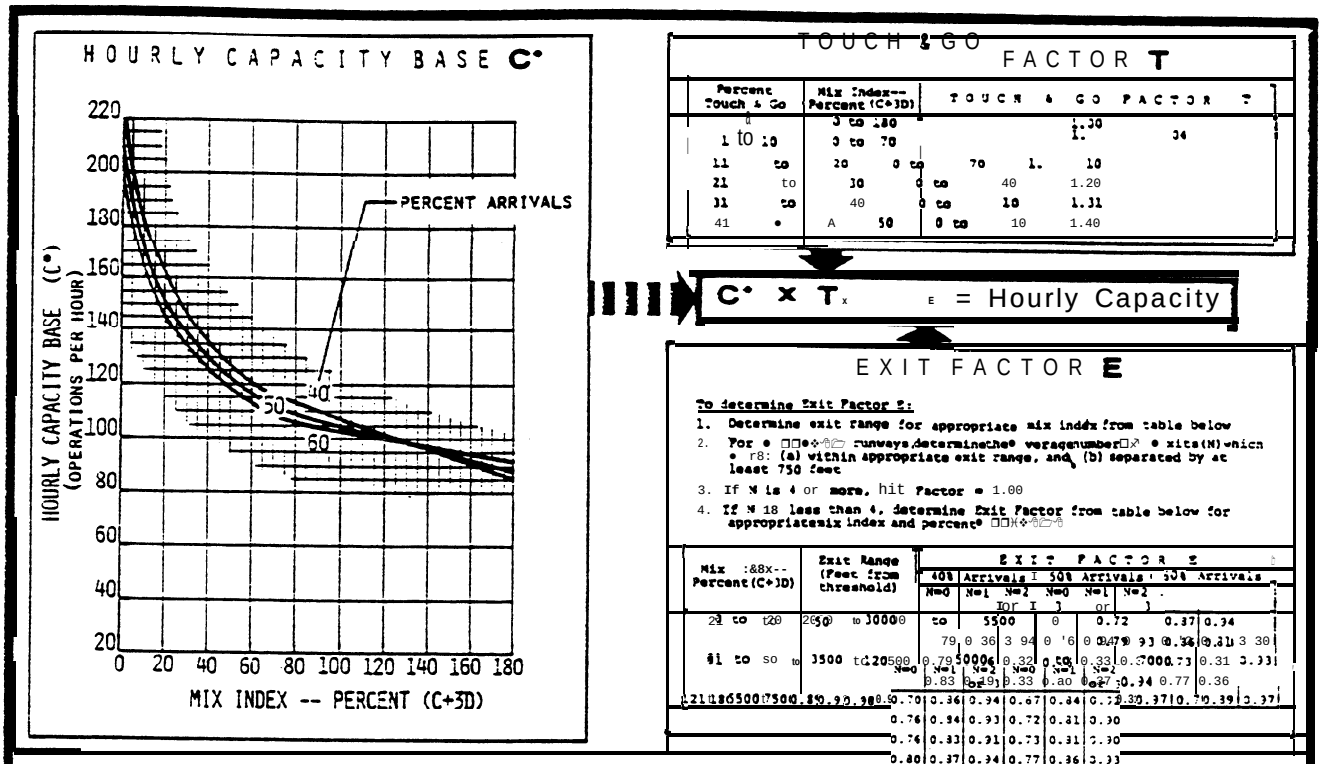


FIGURE 3-9. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 9, 66, 68 FOR VFR CONDITIONS.

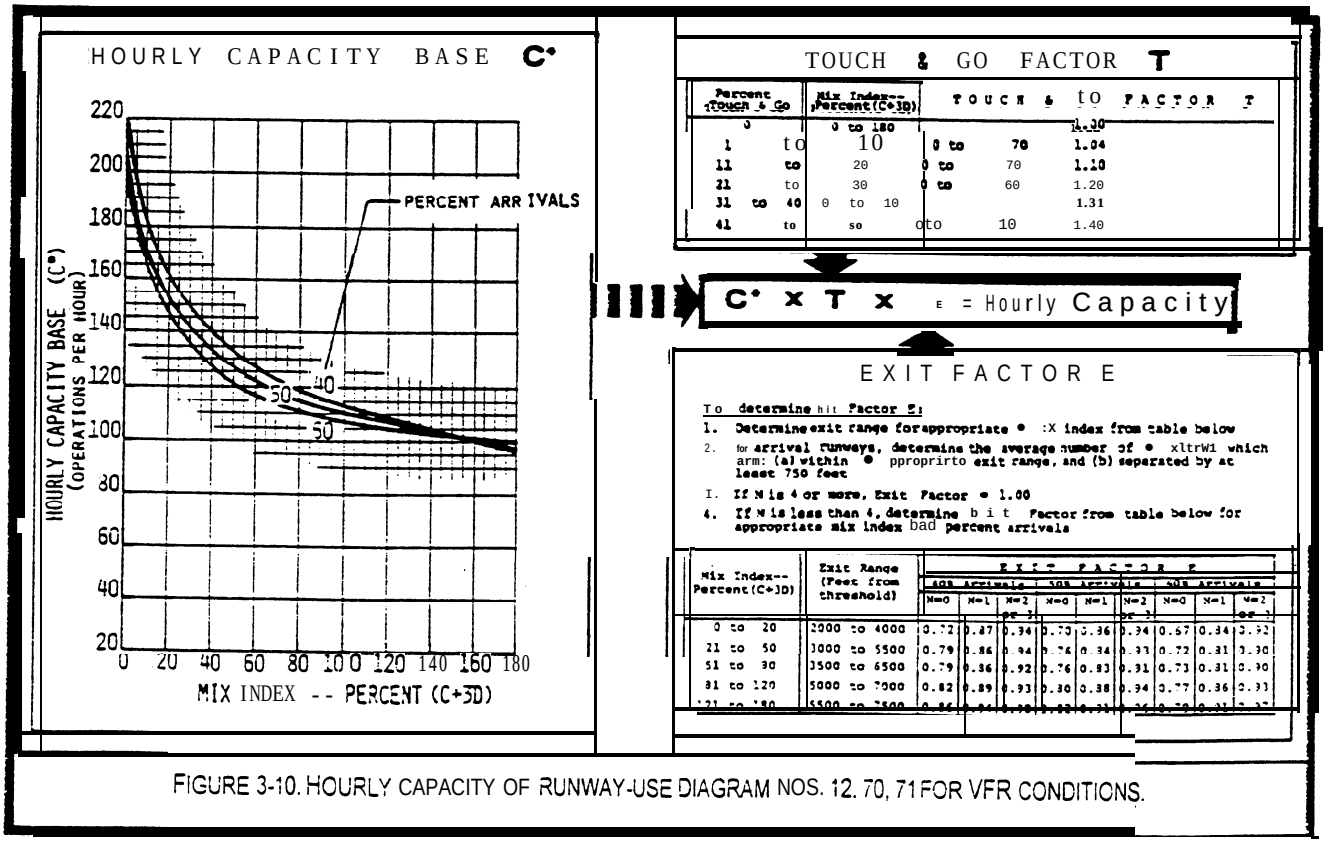
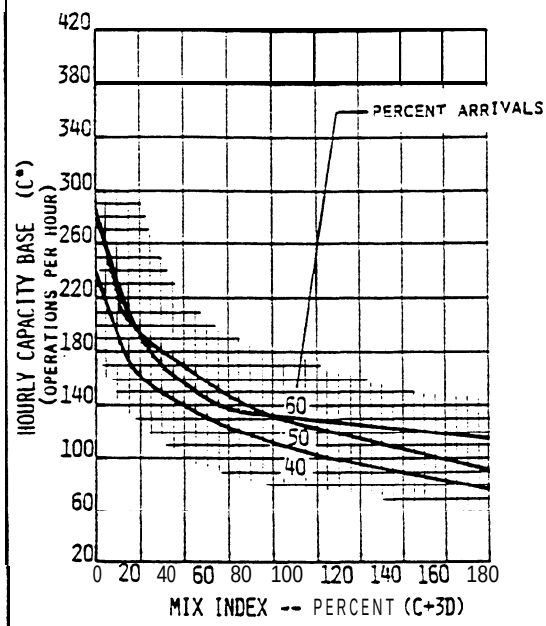


FIGURE 3-10. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 12. 70, 71 FOR VFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

EXIT FACTOR E

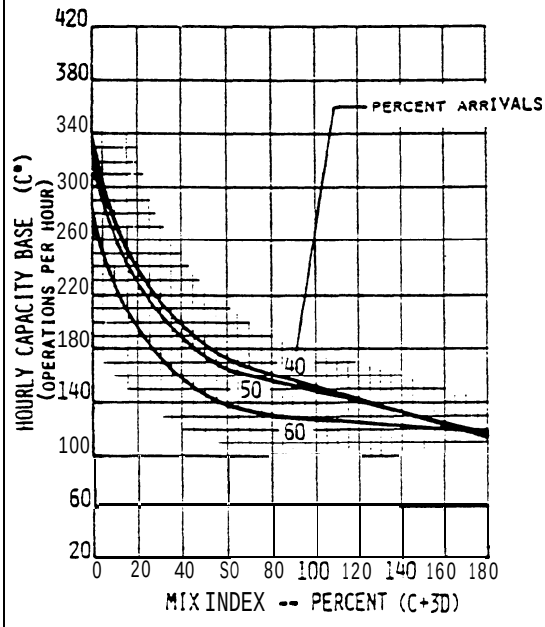
To determine Exit Factor E:

1. Determine e xit range for appropriate mix index from table below
2. For arrival *runways*, determine the average number of exits(N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. *If* N is 4 *or* more, Exit Factor = 1.00
4. If N is less than 4, *determine* Exit Factor from table below for appropriate mix index and percent

Mix Index--Percent(C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E: 40% Arrivals N=0	N=1	N=2 or 3	50% Arrivals N=0	N=1	N=2 or 3	60% Arrivals N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	1.00	1.00	1.00	0.73	0.93	1.00	0.62	0.79	0.90
21 to 50	3000 to 5500	1.00	1.00	1.00	0.82	0.95	1.00	0.72	0.83	0.93
51 to 90	3500 to 6500	1.00	1.00	1.00	0.84	0.94	1.00	0.75	0.84	0.92
91 to 120	5000 to 7000	1.00	1.00	1.00	1.00	1.00	1.00	0.80	0.87	0.94
121 to 180	5500 to 7500	1.00	1.00	1.00	1.00	1.00	1.00	0.83	0.93	0.98

FIGURE 3-11. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 13, 15 FOR VFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index--Percent(C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to 10	0 to 70	1.33
11 to 20	0 to 70	1.05
21 to 30	0 to 40	1.11
31 to 40	0 to 10	1.20
41 to 50	0 to 10	1.26

C* x T x E = Hourly Capacity

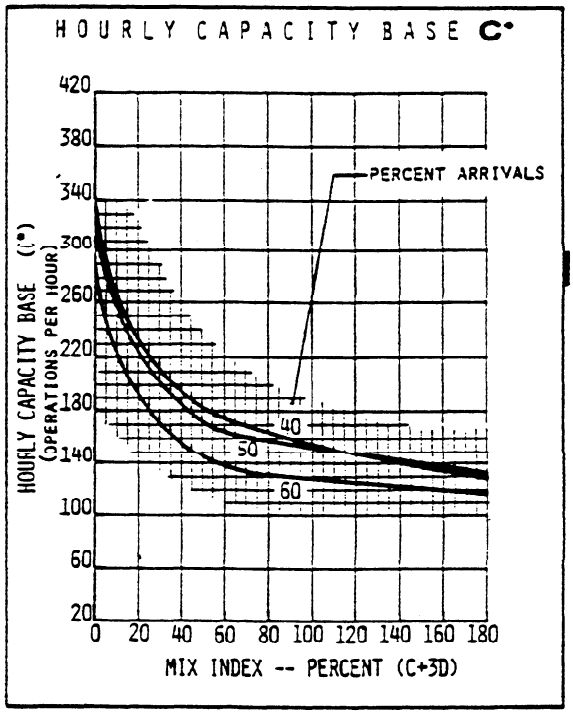
EXIT FACTOR E

To determine Exit Factor E:

1. Determine e xit range for appropriate mix index from table below
2. For arrival runways, determine the average number of e xits(N) which are: (a) within e xit range, and (b) separated by e least 750 feet
3. If N is 4 or more, Exit Factor = 1.30
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index--Percent(C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E: 40% Arrivals N=0	N=1	N=2 or 3	50% Arrivals N=0	N=1	N=2 or 3	60% Arrivals N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.76	0.88	0.94	0.65	0.83	0.93	0.62	0.79	0.90
21 to 50	3000 to 5500	0.83	0.90	0.96	0.72	0.83	0.94	0.72	0.83	0.93
51 to 90	3500 to 6500	0.85	0.91	0.96	0.75	0.84	0.92	0.75	0.84	0.92
91 to 120	5000 to 7000	0.90	0.94	0.97	0.82	0.88	0.95	0.80	0.87	0.94
121 to 180	5500 to 7500	0.93	0.98	1.00	0.90	0.97	0.98	0.83	0.93	0.98

FIGURE 3-12. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 16, 79, 94 FOR VFR CONDITIONS.



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index-- Percent(C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.30
1 to 10	0 to 70	1.03
11 to 20	0 to 70	1.05
21 to 30	0 to 40	1.11
31 to 40	0 to 10	1.20
41 to 50	0 to 10	1.26

C* x T x E = Hourly Capacity

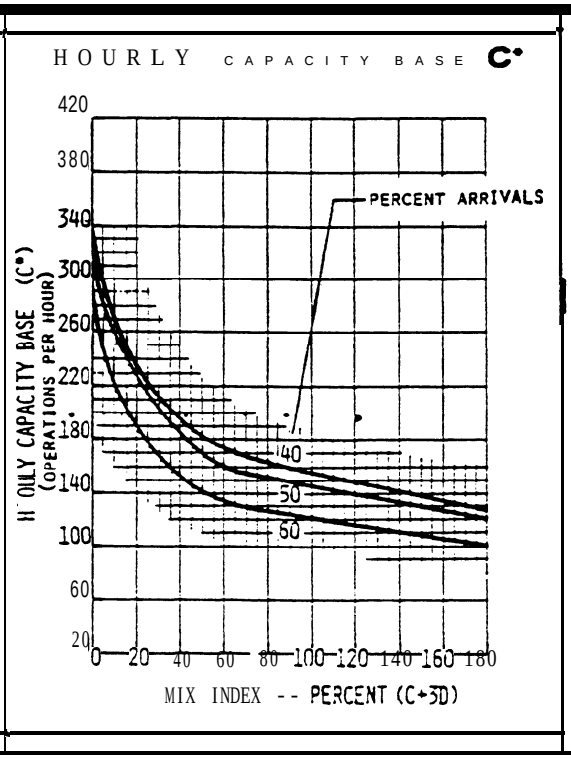
EXIT FACTOR E

To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits(N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.30
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent(C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.76	0.88	0.94	0.65	0.83	0.93	0.62	0.79	0.90
21 to 50	3000 to 5500	0.83	0.90	0.96	0.72	0.83	0.94	0.72	0.83	0.93
51 to 80	3500 to 6500	0.85	0.91	0.96	0.75	0.84	0.92	0.75	0.84	0.92
81 to 120	5000 to 7000	0.90	0.94	0.97	0.82	0.88	0.95	0.80	0.87	0.94
121 to 180	5500 to 7500	0.93	0.98	1.00	0.90	0.97	0.98	0.86	0.95	0.98

FIGURE 3-13. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 18, 21, 22 FOR VFR CONDITIONS.



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index-- Percent(C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.30
1 to 10	0 to 70	1.03
11 to 20	0 to 70	1.05
21 to 30	0 to 40	1.11
31 to 40	0 to 10	1.20
41 to 50	0 to 10	1.26

C* x T x E = Hourly Capacity

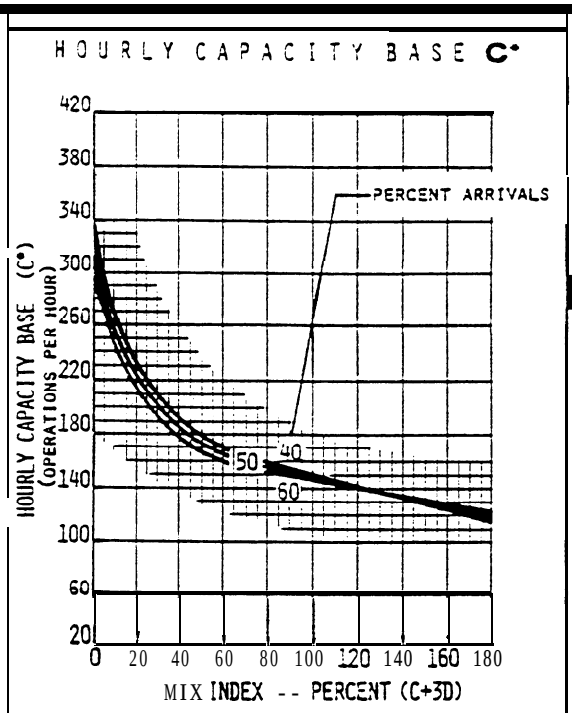
EXIT FACTOR E

To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits(N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent(C+3D)	Exit Range (feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.76	0.88	0.94	0.65	0.83	0.93	0.62	0.79	0.90
21 to 50	3000 to 5500	0.83	0.90	0.96	0.72	0.83	0.94	0.72	0.83	0.93
51 to 80	3500 to 6500	0.85	0.91	0.96	0.75	0.84	0.92	0.75	0.84	0.92
81 to 120	5000 to 7000	0.90	0.94	0.97	0.82	0.88	0.95	0.80	0.87	0.94
121 to 180	5500 to 7500	0.93	0.98	1.00	0.90	0.97	0.98	0.86	0.95	0.98

FIGURE 3-14. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 19, 23, 77, 78, 92, 93 FOR VFR CONDITIONS.



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index-- Percent(C+3D)	TOUCH & GO FACTOR T
3	3 to 180	1.00
1 to 10	0 to 70	1.31
11 to 20	0 to 70	1.02
21 to 10	0 to 40	1.33
31 to 40	0 to 10	1.04
41 to 50	0 to 10	1.05

C* x T x E = Hourly Capacity

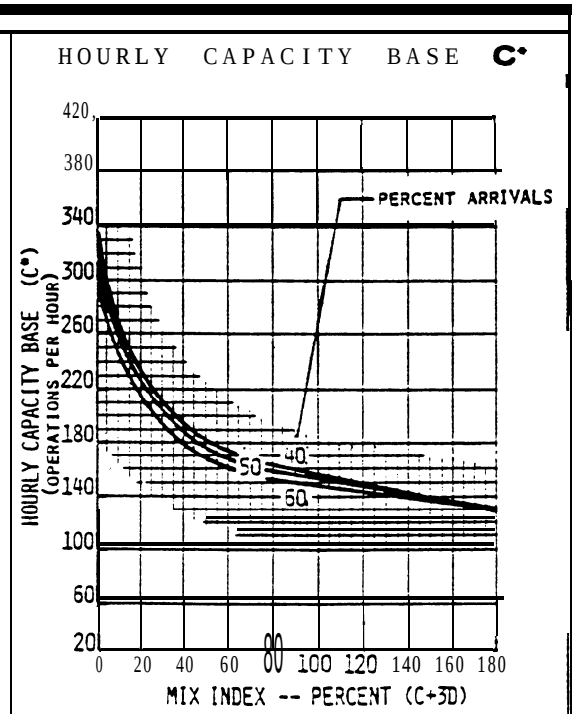
EXIT FACTOR E

To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits (N) which are (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent(C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.75	0.38	0.34	0.72	0.46	0.33	0.69	0.34	0.33
21 to 50	3000 to 5500	3.32	0.39	0.96	0.79	0.37	0.95	0.76	0.36	0.35
51 to 80	3500 to 6500	0.33	0.90	0.35	0.31	0.99	0.35	0.78	0.36	0.33
81 to 120	5000 to 7000	0.38	0.92	0.37	0.38	0.30	0.35	0.33	0.39	0.35
121 to 180	5500 to 7500	0.31	0.97	0.39	0.38	0.35	0.30	0.35	0.94	0.37

FIGURE 3-15. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 24, 27 FOR VFR CONDITIONS.



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index-- Percent(C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to 10	0 to 70	1.01
11 to 20	0 to 70	1.02
21 to 30	0 to 40	1.03
31 to 40	0 to 10	1.04
41 to 50	0 to to	1.05

C* x T x E = Hourly Capacity

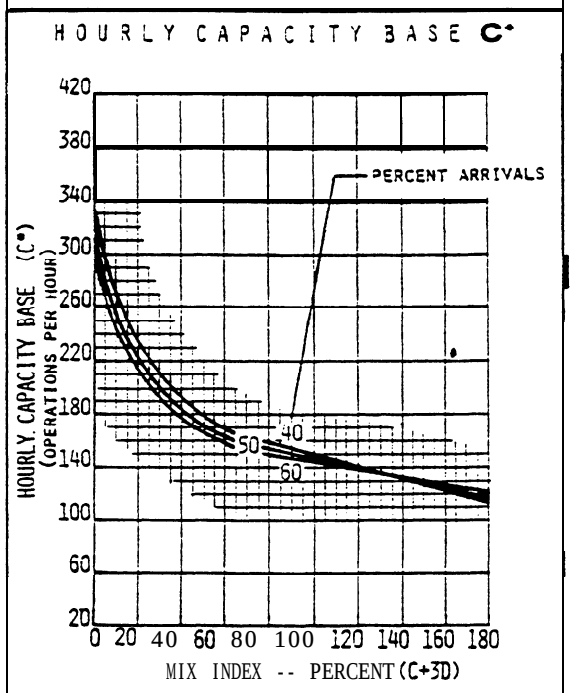
EXIT FACTOR E

To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent(C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.75	0.38	0.34	0.72	0.46	0.33	0.69	0.34	0.33
21 to 50	3000 to 5500	0.32	0.39	0.96	0.79	0.37	0.95	0.76	0.36	0.35
51 to 80	3500 to 6500	0.33	0.90	0.35	0.31	0.39	0.35	0.78	0.36	0.33
81 to 120	5000 to 7000	0.38	0.92	0.37	0.35	0.90	0.35	0.33	0.39	0.35
121 to 180	5500 to 7500	0.31	0.37	0.39	0.38	0.35	0.38	0.35	0.34	0.37

FIGURE 3-16. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NO. 26 FOR VFR CONDITIONS.



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index--Percent (C+3D)	TOUCH & GO FACTOR T
a	0 to 180	1.30
1 to 10	0 to 70	1.31
11 to to	0 to 70	1.92
21 to 30	0 to 40	1.33
31 to 40	0 to L0	1.34
41 to 50	0 to L0	1.35

C* x T x E = Hourly Capacity

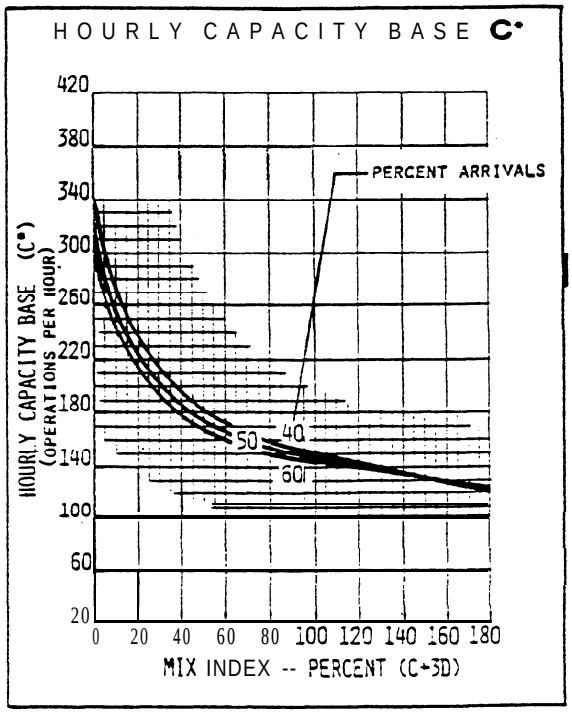
EXIT FACTOR E

To determine Exit Factor E:

1. Determine • xt range for appropriate mix index from table below
2. ♦□♦ • rrival runways, determine the average number of exits (N) which are: (a) within • ppropriac8 • □•♦ range, and (b) separated by at least 750 feet
1. If N is 4 or more, Exit Factor = 1.30
4. If N is less than 4, determine Exit Factor from *table* below for • pproprfrte mix index and percent arrivals

Mix Index--Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E: 40% Arrivals N=0	N=1	N=2 or 3	50% Arrivals N=0	N=1	N=2 or 3	60% Arrivals N=0	N=1	N=2 or 3
3 to 20	2000 to 4000	0.75	0.38	0.34	0.72	0.36	0.33	0.69	0.34	0.33
21 CO 50	3000 to 5500	0.82	0.39	0.36	0.79	0.37	0.35	0.76	0.36	0.35
51 to 80	3500 to 6500	0.83	0.90	0.95	0.31	0.39	0.95	0.78	0.36	0.33
81 to 120	5000 to 7000	0.88	0.92	0.37	0.35	0.90	0.35	0.83	0.39	0.35
121 CO 180	5500 to 7500	0.91	0.37	0.39	0.38	0.35	0.38	0.35	0.34	0.37

FIGURE 3-17. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 28, 82, 97 FOR VFR CONDITIONS.



TOUCH&GOFACTO!? T

Percent Touch & S o	Mix Index--Percent (C+3D)	TOUCH & CO FACTOR T
3	0 to 180	1.30
1 to 10	0 to 70	1.04
11 to 20	0 to 70	1.10
21 co 30	o to 40	1.20
31 to 40	o to 10	1.31
41 to so	o to LO	1.40

C* x T x E = Hourly Capacity

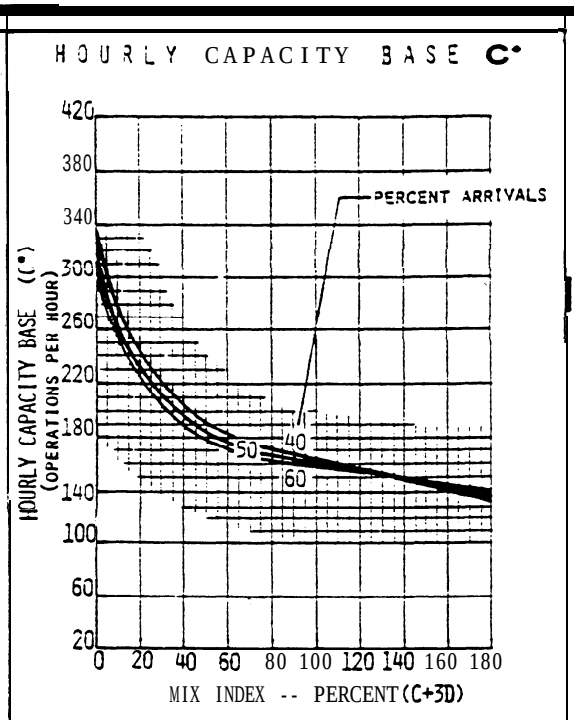
EXIT FACTOR E

To determine Exit Factor E:

1. Determine • XAt range for appropriate nix index from table below
2. For arrival runways, determine the average number of exits (N) which are: (a) within appropriate exit range, and (b) separated by at Least 'SO feet
3. If N is 4 or more, Exit Factor = 1.30
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index--Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E: 40% Arrivals N=0	N=1	N=2 or 3	50% Arrivals N=0	N=1	N=2 or 3	60% Arrivals N=0	N=1	N=2 or 3
3 to 20	2000 to 4000	0.72	0.37	0.34	0.70	0.36	0.34	0.67	0.34	0.32
21 to 50	3000 to 5500	0.79	0.36	0.34	0.76	0.34	0.33	0.72	0.31	0.30
51 to 80	3500 to 6500	0.79	0.36	0.32	0.76	0.33	0.31	0.73	0.31	0.30
81 to 120	5000 to 7000	0.82	0.39	0.33	0.30	0.38	0.34	0.77	0.36	0.33
121 to 180	5500 to 7500	0.36	0.34	0.38	0.32	0.31	0.36	0.79	0.31	0.37

FIGURE 3-18. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NO. 29 FOR VFR CONDITIONS.



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index-- Percent (C+3D)	TOUCH & GO FACTOR T
0	0 to 120	1.00
1 to 10	0 to 70	[illegible]
11 to 20	0 to 70	1.10
21 to 30	0 to 40	1.20
31 to 40	0 to 10	1.31
41 to 50	0 to 10	1.40

C• x T x E = Hourly Capacity

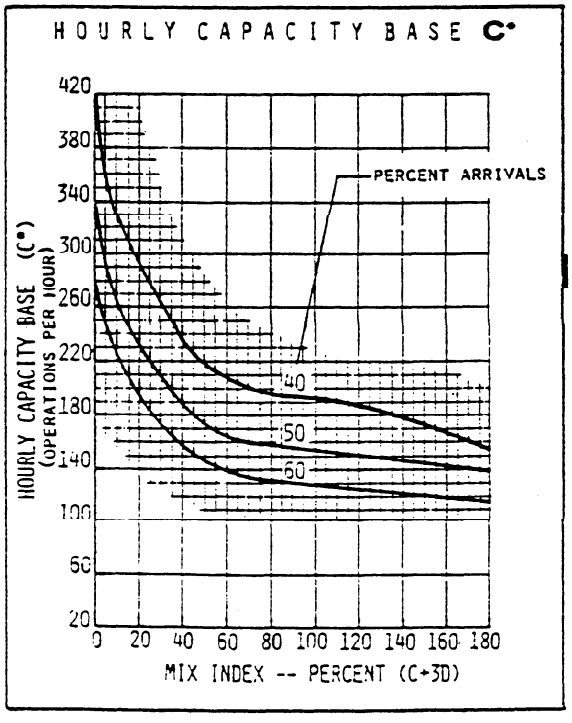
EXIT FACTOR E

to determine Exit Factor E:

1. Determine [illegible] range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits(N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E: 40% Arrivals N=0	N=1	N=2 or 3	50% Arrivals N=0	N=1	N=2 or 3	60% Arrivals N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.72	0.87	0.94	0.70	0.86	0.94	0.67	0.84	0.92
21 to 50	3000 to 5500	0.79	0.86	0.94	0.76	0.84	0.93	0.72	0.81	0.90
51 to 80	3500 to 6500	0.79	0.86	0.92	0.76	0.83	0.91	0.73	0.81	0.90
81 to 120	4000 to 7000	0.82	0.89	0.93	0.80	0.88	0.94	0.77	0.86	0.93
121 to 130	5500 to 7500	0.86	0.94	0.98	0.82	0.91	0.96	0.79	0.91	0.97

FIGURE 3-19. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NO. 31 FOR VFR CONDITIONS.



TOUCH & GO FACTOR T

T = 1.00

C• x T x E = Hourly Capacity

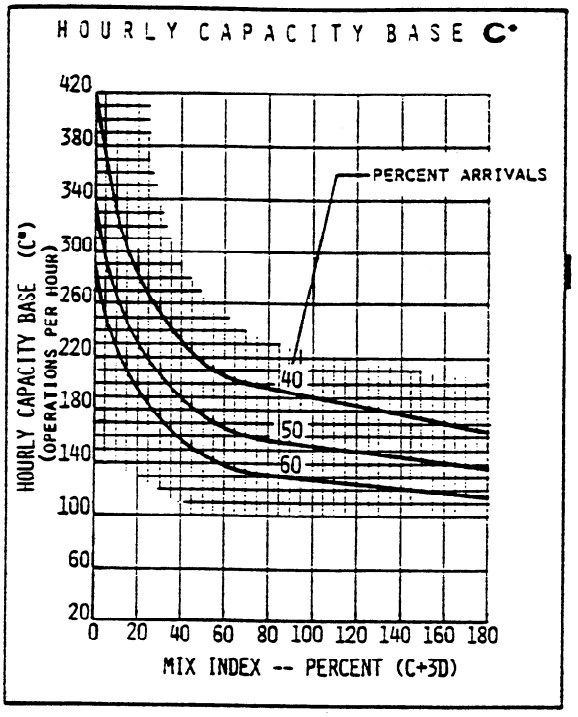
EXIT FACTOR E

To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits(N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E: 40% Arrivals N=0	N=1	N=2 or 3	50% Arrivals N=0	N=1	N=2 or 3	60% Arrivals N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.82	0.79	0.90	0.82	0.79	0.90	0.82	0.79	0.90
21 to 50	3000 to 5500	0.72	0.83	0.93	0.72	0.83	0.93	0.72	0.83	0.93
51 to 80	3500 to 6500	0.75	0.84	0.92	0.75	0.84	0.92	0.75	0.84	0.92
81 to 120	4000 to 7000	0.80	0.87	0.94	0.80	0.87	0.94	0.80	0.87	0.94
121 to 130	5500 to 7500	0.84	[illegible]	[illegible]	0.81	[illegible]	0.97	0.81	0.93	0.97

FIGURE 3-20. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 32, 33 FOR VFR CONDITIONS.



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index-- Percent(C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.30
1 to 10	0 to 70	1.22
11 to 20	0 to 70	1.35
21 to 30	0 to 40	1.29

C* x T x E = Hourly Capacity

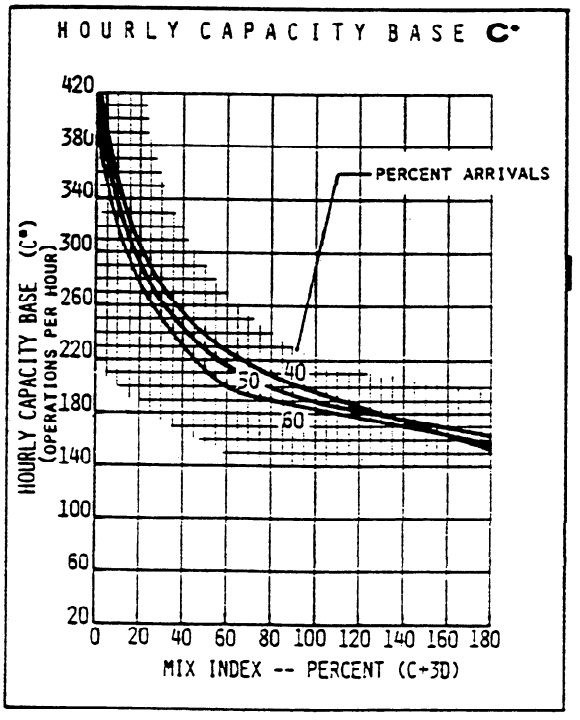
EXIT FACTOR E

To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits(N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent(C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.52	0.79	0.90	0.62	0.79	0.90	0.52	0.79	0.90
21 to 50	3000 to 5500	0.72	0.83	0.93	0.72	0.83	0.93	0.72	0.83	0.93
51 to 80	3500 to 5500	0.75	0.84	0.92	0.75	0.84	0.92	0.75	0.84	0.92
81 to 120	5000 to 7000	0.80	0.87	0.94	0.80	0.87	0.94	0.90	0.87	0.94
121 to 180	5500 to 7500	0.85	0.86	0.98	0.83	0.93	0.97	0.83	0.93	0.97

FIGURE 3-21. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 34, 35 FOR VFR CONDITIONS.



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index-- Percent(C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.30
1 to 10	0 to 70	1.33
11 to 20	0 to 70	1.39
21 to 30	0 to 40	1.24

C* x T x E = Hourly Capacity

EXIT FACTOR E

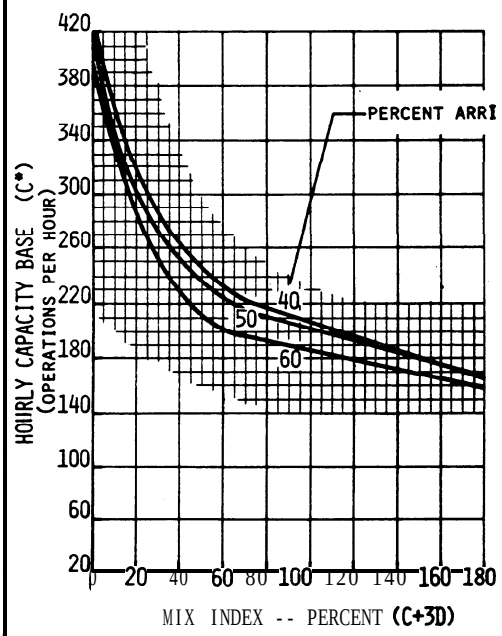
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits(N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent(C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.76	0.88	0.94	0.72	0.86	0.94	0.64	0.82	0.93
21 to 50	3000 to 5500	0.83	0.90	0.96	0.80	0.88	0.95	0.72	0.83	0.93
51 to 80	3500 to 5500	0.85	0.91	0.95	0.82	0.89	0.95	0.75	0.84	0.92
81 to 120	5000 to 7000	0.89	0.93	0.97	0.87	0.91	0.96	0.81	0.87	0.94
121 to 180	5500 to 7500	0.94	0.88	0.99	0.92	0.97	0.99	0.89	0.96	0.98

FIGURE 3-22. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 36 - 38 FOR VFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index-- Percent (C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to 10	0 to 70	1.03
11 to 20	0 to 70	1.10
21 to 30	0 to 40	1.18

C* x T x E = Hourly Capacity

EXIT FACTOR E

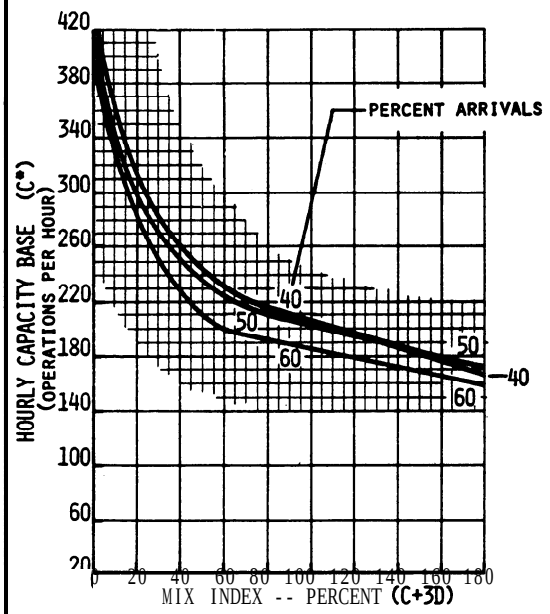
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits(N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N-1	N-2 or 3	N-0	N=1	N-2 or 3	N-0	N-1	N-2 or 3
0 to 20	2000 to 4000	0.76	0.88	0.94	0.72	0.86	0.94	0.64	0.82	0.93
21 to 50	3000 to 5500	0.83	0.90	0.96	0.80	0.88	0.95	0.72	0.83	0.93
51 to 80	3500 to 6500	0.85	0.91	0.95	0.82	0.89	0.95	0.75	0.84	0.92
81 to 120	5000 to 7000	0.89	0.93	0.97	0.87	0.91	0.96	0.81	0.87	0.94
121 to 180	5500 to 7500	0.94	0.98	0.99	0.92	0.97	0.99	0.89	0.96	0.98

FIGURE 3-23. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NO. 39 FOR VFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index-- Percent (C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to 10	0 to 70	1.03
11 to 20	0 to 70	1.10
21 to 30	0 to 40	1.18

C* x T x E = Hourly Capacity

EXIT FACTOR-E

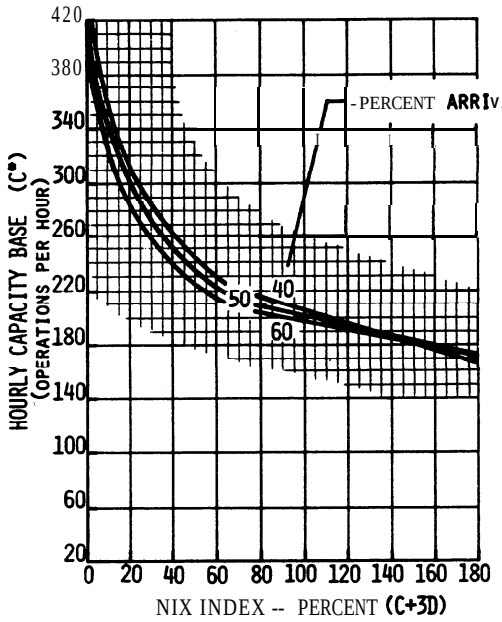
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits(N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N-0	N-1	N-2 or 3	N-0	N=1	N-2 or 3	N-0	N-1	N-2 or 3
0 to 20	2000 to 4000	0.76	0.88	0.94	0.72	0.86	0.94	0.64	0.82	0.93
21 to 50	3000 to 5500	0.83	0.90	0.96	0.80	0.88	0.95	0.72	0.83	0.93
51 to 80	3500 to 6500	0.85	0.91	0.95	0.82	0.89	0.95	0.75	0.84	0.92
81 to 120	5000 to 7000	0.89	0.93	0.97	0.87	0.91	0.96	0.81	0.87	0.94
121 to 180	5500 to 7500	0.94	0.98	0.99	0.92	0.97	0.99	0.89	0.96	0.98

FIGURE 3-24. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NO. 40 FOR VFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

Percent Touch & Go	Mix In&x-- Percent(C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to 10	oto to	1.03
11 to 20	oto 70	1.10
21 to 30	oto 40	1.18

C* x T x E = Hourly Capacity

EXIT FACTOR E

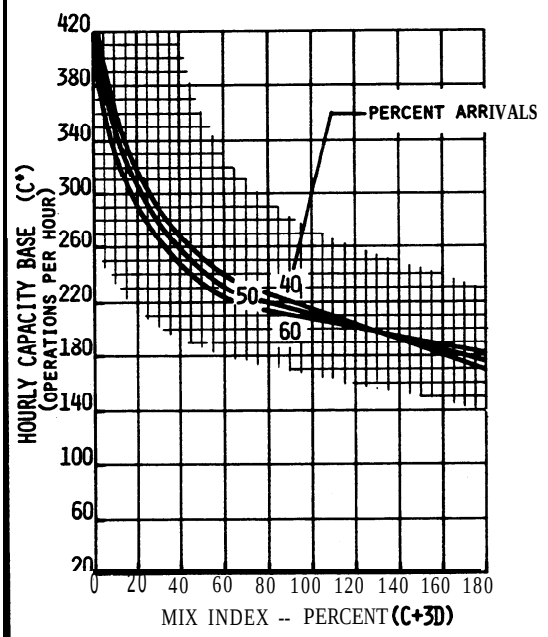
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits(N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrival8

nix Index-- Percent(C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		408 Arrivals			50% Arrivals			60% Arrivals		
		N-0	N-1	N-2 or 3	N=0	N-1	N-2 or 3	N-0	N=1	N-2 or 3
0 to 20	2000 to 4000	0.75	0.88	0.94	0.72	0.86	0.93	0.69	0.84	0.92
21 to so	3000 to 5500	0.82	0.89	0.96	0.79	0.87	0.95	0.77	0.86	0.95
51 to 80	3500 to 6500	0.84	0.90	0.95	0.81	0.88	0.94	0.79	0.87	0.94
81 to 120	5000 to 7000	0.88	0.92	0.96	0.86	0.90	0.95	0.85	0.90	0.96
121 to 180	5500 to 7500	0.92	0.96	0.97	0.89	0.94	0.96	0.90	0.96	0.98

FIGURE 3-25, HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NO, 41 FOR VFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

Percent Touch & Go	Mix In&x-- Percent(C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to 10	oto 70	1.04
11 to 20	oto 70	1.10
21 to 30	0 to 40	1.20
31 to 40	oto 10	1.31.
41 to 50	0 to 10	1.40

C* x T x E = Hourly Capacity

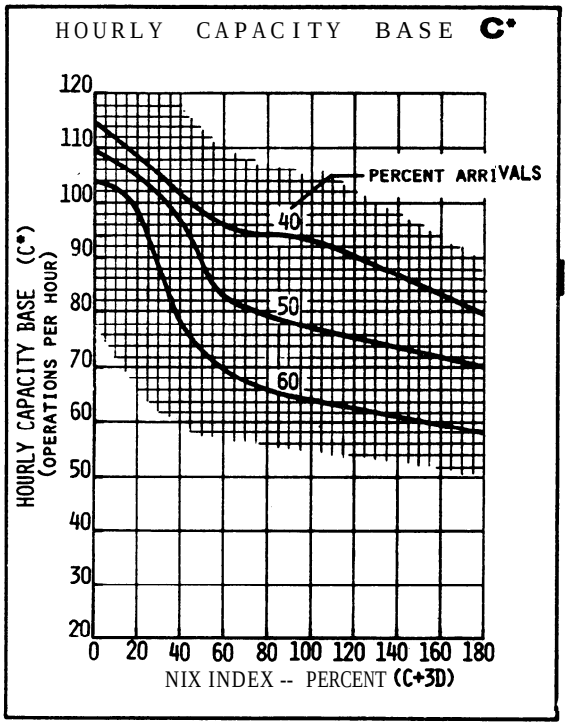
EXIT FACTOR E

To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits(N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix in&x and percent arrivals

nix Index-- Percent(C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N-0	N=1	N-2 or 3	N-0	N=1	N-2 or 3	N=0	N=1	N=2 or 3
oto 20	2000 to 4000	0.72	0.87	0.94	0.70	0.86	0.94	0.67	0.84	0.92
21 to 50	3000 to 5500	0.79	0.86	0.94	0.76	0.84	0.93	0.72	0.81	0.90
51 to 80	3500 to 6S00	0.79	0.86	0.92	0.76	0.83	0.91	0.73	0.81	0.90
81 to 120	5000 to 7000	0.83	0.89	0.93	0.80	0.87	0.94	0.77	0.86	0.93
121 to 180	SS00 to 7500	0.85	0.93	0.98	0.81	0.91	0.97	0.78	0.89	0.97

FIGURE 3-26. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NO, 42 FOR VFR CONDITIONS.



TOUCH & CO FACTOR T

Percent Touch & Go	Mix Index-- Percent (C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to 10	0 to 70	1.03
11 to 20	0 to 70	1.06
21 to 30	0 to 40	1.13
31 to 40	0 to 10	1.26
41 to 50	0 to 10	1.33

C* x T x E = Hourly Capacity

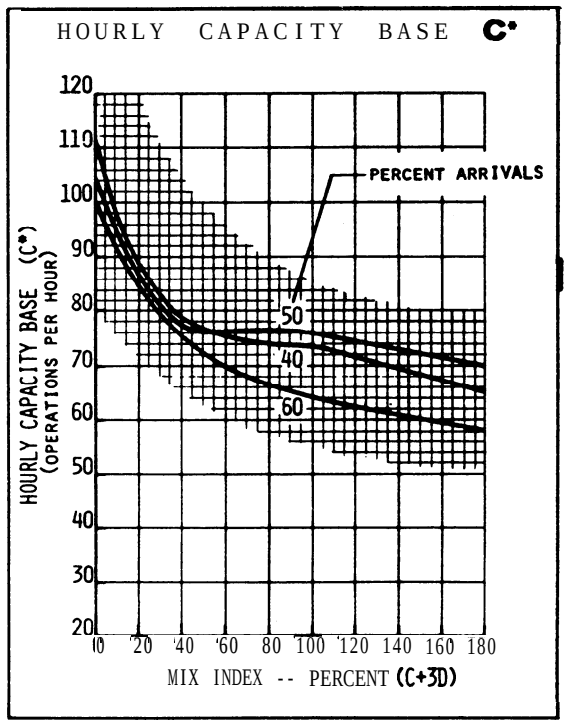
EXIT FACTOR E

To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits(N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N-0	N-1	N-2 or 3	N=0	N-1	N=2 or3	N-0	N-1	N-2 or3
0 to 20	2000 to 4000	0.86	0.88	0.94	0.80	0.85	0.93	0.71	0.83	0.93
21 to 50	3000 to 5500	0.84	0.91	0.98	0.71	0.85	0.92	0.71	0.85	0.92
51 to 80	3S00 to 6500	0.81	0.91	0.97	0.76	0.85	0.91	0.75	0.84	0.91
81 to 120	5000 to 7000	0.83	0.90	0.95	0.80	0.86	0.92	0.80	0.87	0.92
121 to 180	5500 to 7500	0.93	0.99	1.00	0.84	0.94	0.98	0.85	0.94	0.98

FIGURE 3-27, HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 43,49 FOR VFR CONDITIONS.



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index-- Percent (C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to 10	0 to 70	1.03
11 to 20	oto 70	1.10
21 to 30	0 to 40	1.17
31 to 40	oto 10	1.28
41 to 50	0 to 10	1.36

C* x T x E = Hourly Capacity

EXIT FACTOR E

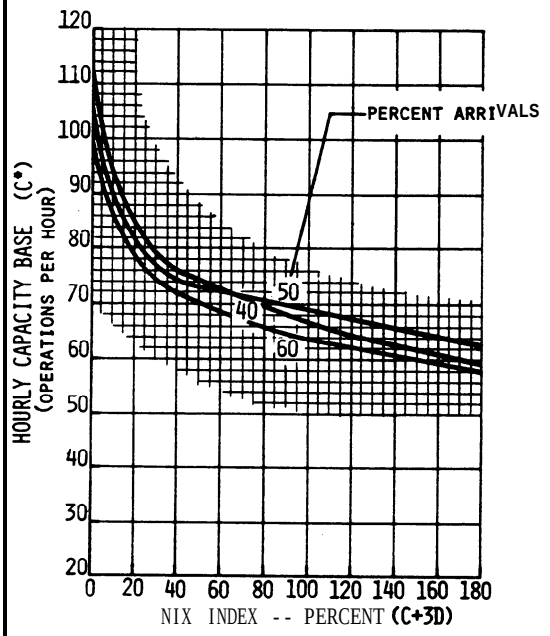
To determine Exit Factor E:

1. Determine exit tango for appropriate mix Index from table below
2. For arrival runways, determine the average number of exits(N) which are: (a) within ● □□□□□□●⊠◆□ ⊠⊠⊠◆ range, and (b) separated by at least 7so feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N-0	N=1	N-2 or 3	N-O	N=1	N-2 or 3	N-O	N-1	N-2 or 3
0 to 20	2000 to 4000	0.81	0.88	0.95	0.78	0.86	0.94	0.74	0.85	0.93
21 to so	3000 to 5500	0.91	0.92	0.97	0.87	0.92	0.99	0.75	0.87	0.98
51 to 80	3S00 to 6500	0.94	0.96	1.00	0.77	0.89	0.97	0.72	0.82	0.91
81 to 120	5000 to 7000	0.96	0.97	1.00	0.81	0.88	0.93	0.80	0.87	0.92
121 to 180	5500 to 7500	0.99	1.00	1.00	0.84	0.94	0.97	0.85	0.94	0.97

FIGURE 3-28. HOURLY CAPACITY OF HUNWAY-USE DIAGRAM NOS.: 44,50 FOR VFR CONDITIONS,

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index-- Percent (C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to 10	0 to 70	1.03
11 to 20	0 to 70	1.10
21 to 30	0 to 40	1.17
31 to 40	0 to 10	1.28
41 to 50	0 to 10	1.36

C* x T x E = Hourly Capacity

EXIT FACTOR E

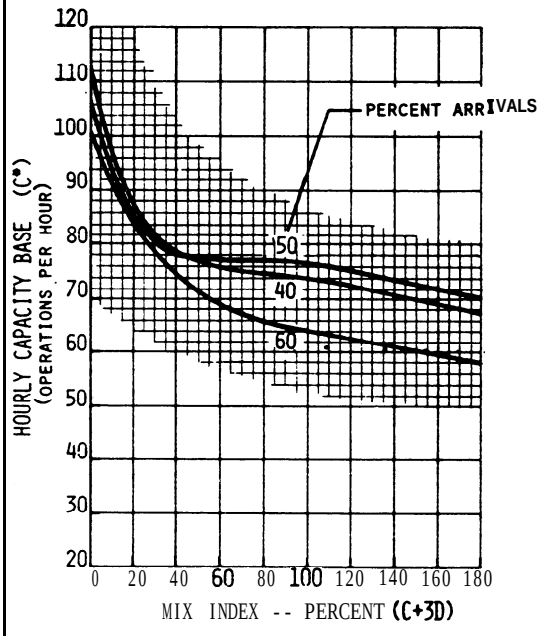
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits (N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent (C+3D)	Exit Range (Feet fra threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N-2 or 3	N=0	N=1	N-2 or 3	N=0	N=1	N-2 or 3
0 to 20	2000 to 4000	0.81	0.88	0.94	0.78	0.86	0.93	0.74	0.84	0.92
21 to 50	3000 to 5500	0.94	0.97	0.99	0.91	0.97	0.99	0.80	0.94	0.98
51 to 80	3500 to 6500	0.95	0.97	1.00	0.83	0.93	1.00	0.74	0.82	0.91
81 to 120	5000 to 7000	0.90	0.99	1.00	0.89	0.97	1.00	0.80	0.97	0.92
121 to 180	5500 to 7500	1.00	1.00	1.00	0.95	1.00	1.00	0.86	0.94	0.97

FIGURE 3-29. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 45,51 FOR VFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index-- Percent (C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to 10	0 to 70	1.03
11 to 20	0 to 70	1.10
21 to 30	0 to 40	1.19
31 to 40	0 to 10	1.31
41 to 50	0 to 10	1.40

C* x T x E = Hourly Capacity

EXIT FACTOR E

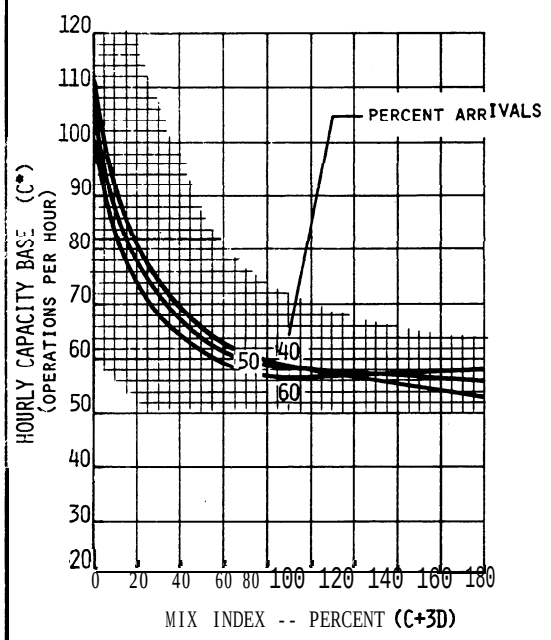
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits (N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix In&r-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.74	0.86	0.92	0.70	0.84	0.92	0.67	0.82	0.91
21 to 50	3000 to 5500	0.86	0.88	0.92	0.83	0.86	0.91	0.74	0.84	0.90
51 to 80	3500 to 6500	0.90	0.91	0.96	0.79	0.88	0.97	0.72	0.84	0.91
81 to 120	5000 to 7000	0.94	0.95	0.98	0.80	0.86	0.92	0.80	0.87	0.92
121 to 180	5500 to 7500	0.98	0.99	1.00	0.84	0.94	0.97	0.85	0.94	0.97

FIGURE 3-30. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 46,52 FOR VFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index-- Percent (C+3D)	TOUCH & GO FACTOR T
0 to 0	to 180	1.00
1 to 10	0 to 70	1.03
11 to 20	0 to 70	1.10
21 to 30	0 to 40	1.19
31 to 40	0 to 10	1.31
41 to 50	0 to 10	1.40

C* x T x E = Hourly Capacity

EXIT FACTOR E

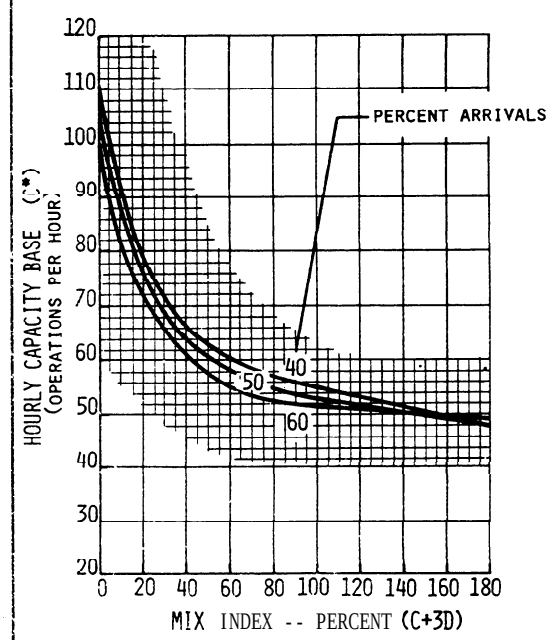
To determine Exit Factor E:

1. Determine exit range for appropriate mix *index from* table **below**
2. For arrival runways, determine the average **number of** exits(N) which are: **(a)** within appropriate exit range, and **(b) separated** by at least 750 feet
3. **If** N **is 4** or more, Exit **Factor = 1.00**
4. **If** N is **less** than 4, determine Exit Factor *from* table below **for** appropriate mix index and percent arrivals

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1 or 3	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.73	0.88	0.95	0.71	0.87	0.94	0.68	0.85	0.93
21 to 50	3000 to 5500	0.89	0.92	0.95	0.87	0.90	0.94	0.84	0.89	0.94
51 to 80	3500 to 6500	0.96	0.97	0.99	0.95	0.96	0.98	0.89	0.94	0.97
81 to 120	5000 to 7000	1.00	1.00	1.00	1.00	1.00	1.00	0.92	0.97	1.00
121 to 180	5500 to 7500	1.00	1.00	1.00	1.00	1.00	1.00	0.84	0.94	0.98

FIGURE 3-31. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 47,53 FOR VFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

EXIT-FACTOR E

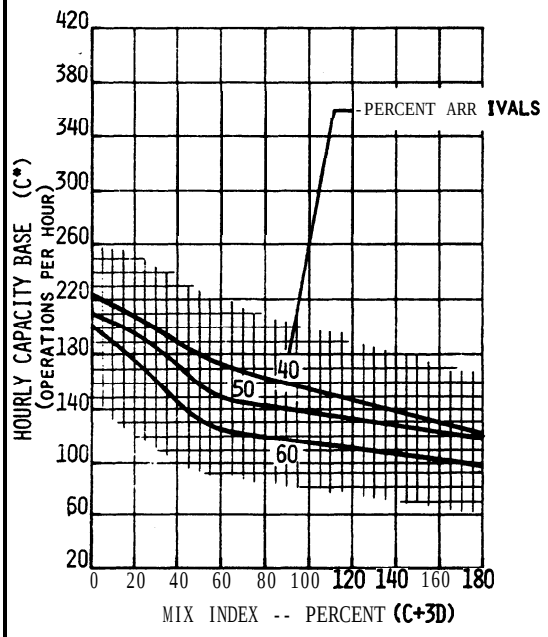
To determine *Exit Factor* E:

1. **Determine** exit range for appropriate *mix* index *from* table below
2. For arrival runways, determine the average **number** Of **exits (N)** which are: **(a)** within appropriate **exit** range, and **(b) separated** by at least 750 feet
3. If N is 4 *or more, Exit Factor* = **1.00**
4. If N **is less** than 4, determine *Exit* Factor **from table** below *for* appropriate mix **index** *and percent* arrivals

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.74	0.88	0.95	0.72	0.87	0.94	0.69	0.85	0.93
21 to 50	3000 to 5500	0.90	0.93	0.97	0.88	0.91	0.95	0.86	0.90	0.95
51 to 80	3500 to 6500	0.97	0.98	1.00	0.95	0.96	0.98	0.92	0.97	0.99
81 to 120	5000 to 7000	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
121 to 180	5500 to 7500	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

FIGURE 3-32, HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NO. 48 FOR VFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

Percent Touch & Go	nix Index-- Percent (C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to 10	0 to 70	1.04
11 to 20	0 to 70	1.10
21 to 30	0 to 40	1.20
31 to 40	0 to 10	1.28
41 to 50	0 to 10	1.36

C* x T x E = Hourly Capacity

EXIT FACTOR E

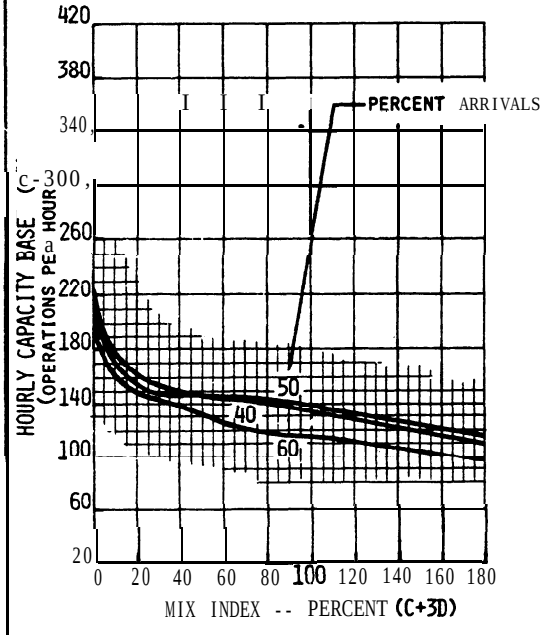
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits(N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Nix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E 40% Arrivals N-0	N-1	N-2 or 3	50% Arrivals N-0	N=1 or	N-2 3	60% Arrivals N-0	N-1	N-2 or 3
0 to 20	2000 to 4000	0.86	0.87	0.94	0.82	0.85	0.93	0.77	0.84	0.92
21 to 50	3000 to 5500	0.88	0.91	0.96	0.73	0.86	0.94	0.73	C.86	0.94
51 to 80	3500 to 6500	0.84	0.87	0.93	0.78	0.87	0.93	0.78	0.87	0.93
81 to 120	5000 to 7000	0.83	0.90	0.96	0.83	0.90	0.96	0.83	0.90	0.96
121 to 180	5500 to 75	1.00	1.00	0.92	0	97	1.00	0.92	0.97	1.00

FIGURE 3-33, HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 55,61 FOR VFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

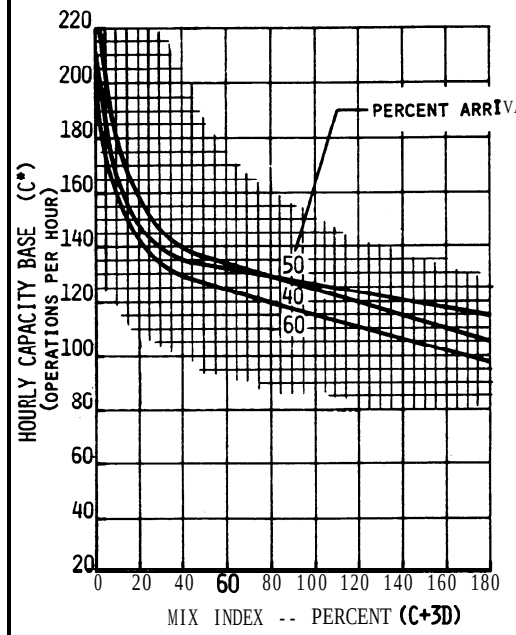
EXIT FACTOR E

To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits(N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix b&8x-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E 40% Arrivals N-O	N=1	M-2 or	50% Arrivals N-O 3	N=1 or	N-2 3	60% Arrivals N=0	N-t	N=2 or 3
0 to 20	2000 to 4000	0.79	0.89	0.95	0.76	0.88	0.95	0.74	0.86	0.94
21 to 50	3000 to 5500	0.96	1.00	1.00	0.91	1.00	1.00	0.78	0.92	0.97
51 to 80	3500 to 6500	0.93	0.96	1.00	0.80	0.90	0.97	0.78	0.87	0.93
81 to 120	5000 to 7000	0.93	0.96	1.00	0.83	0.90	0.96	0.83	0.90	0.96
121 to 180	5500 to 7500	0.97	0.99	1.00	0.93	0.97	1.00	0.92	0.97	1.00

FIGURE 3-34. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NO. 56 FOR VFR CONDITIONS.



TOUCH & GO FACTOR T

Percent Touch & Go	Xix Index-- Percent (C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to	10 to 70	1.03
11 to	20 to 70	1.10
21 to	30 to 40	1.17
31 to	40 to 10	1.28
41 to	50 to 10	1.36

C* x T x E = Hourly Capacity

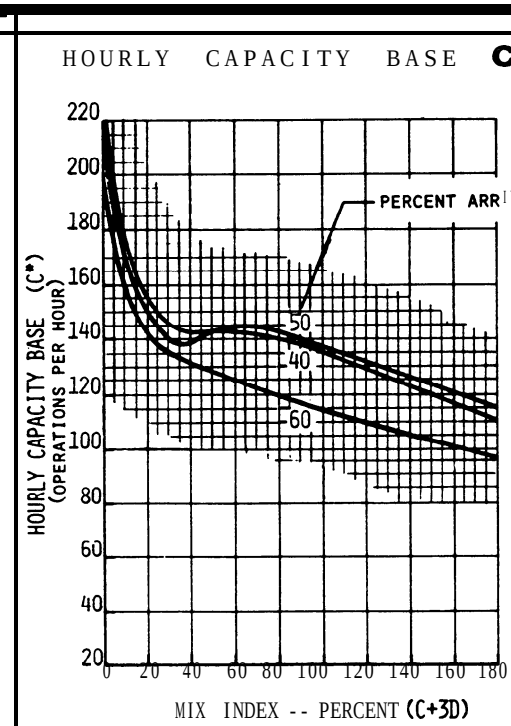
EXIT FACTOR E

To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits(N) which are: (a) within appropriate exit range, and (b) reparated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Xix Index-- Percent (C+3D)	txit Range (Feet from threshold)	EXIT FACTOR E: 40% Arrivals N=0	N-1	N-2 or	501 Arrivals N-O 3	N-l .	N=2 or	60% Arrivals N-O 3	N-l or	N-2 3
0 to 20	2000 to 4000	0.83	0.89	0.95	0.81	0.88	0.95	0.79	0.86	0.94
21 to 50	3000 to 5500	1.00	1.00	1.00	0.98	1.00	1.00	0.85	1.00	1.00
51 to 80	3500 to 6500	0.95	0.98	1.00	0.87	0.97	1.00	0.78	0.87	0.93
81 to 120	5000 to 7000	0.95	0.98	1.00	0.90	0.97	1.00	0.83	0.90	0.96
121 to 180	5500 to 7500	0.97	1.00	1.00	0.95	1.00	1.00	0.92	0.97	1.00

FIGURE 3-35, HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 57,63 FOR VFR CONDITIONS,



TOUCH & GO FACTOR T

Percent Touch & Go	Xix Index-- Percent (C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to	10 to 70	1.03
11 to	20 to 70	1.10
21 to	30 to 40	1.17
31 to	40 to 10	1.28
41 to	50 to 10	1.36

C* x T x E = Hourly Capacity

EXIT FACTOR E

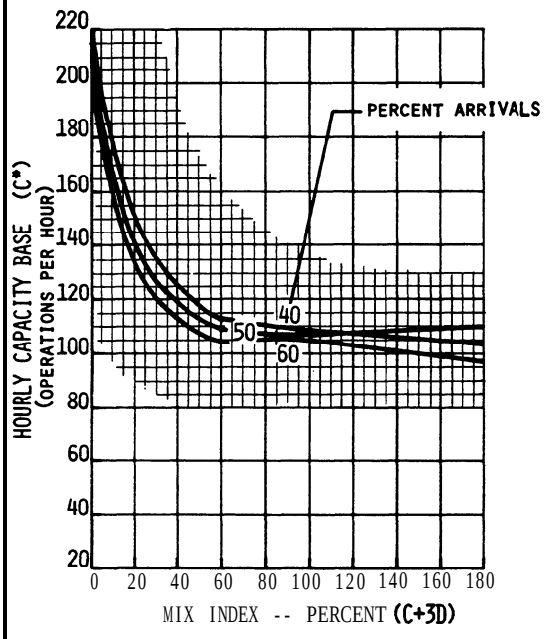
To determine Exit Factor E:

1: Determine exit range for appropriate mix lndex from table below
2. For arrival runw Factor = 1.00 the average number of exits(N) which are: (a) within ermine Exit Fact range, and (b) separated by at least 750 feet d percent arriv
3. If N is 4 or mor
4. If N is less tha E X I Exit Factor from table below for appropriate mix index and percentarrival8

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E: 40% Arrivals N=0	N=1	N=2 or 3	50% Arrivals N=0	N=1	N=2 or 3	60% Arrivals N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.78	0.89	0.95	0.75	0.88	0.95	0.72	0.86	0.94
21 to 50	3000 to 5500	0.96	0.96	0.98	0.95	0.95	0.98	0.83	0.94	0.98
51 to 80	3500 to 6500	0.90	0.93	0.97	0.81	0.90	0.96	0.78	0.87	0.94
81 to '120	5000 to 7000	0.92	0.95	0.98	0.83	0.90	0.96	0.83	0.90	0.96
121 to 180	5500 to 7500	0.98	1.00	1.00	0.92	0.97	1.00	0.92	0.97	1.00

FIGURE 3-36. HOURLY CAPACITY OF HUNWAY-USE DIAGRAM NOS.: 58,64 FOR VFH CONDITIONS.

HOURLY CAPACITY BASE **C***



TOUCH & GO FACTOR **T**

Percent Touch & Go	Nix In&x-- Percent (C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to-10	oto 70	1.04
11 to 20	oto 70	1.10
21 to 30	oto 40	1.20
31 to 40	oto 10	1.28
41 to so	oto 10	1.36

C* x T x E = Hourly Capacity

EXIT FACTOR **E**

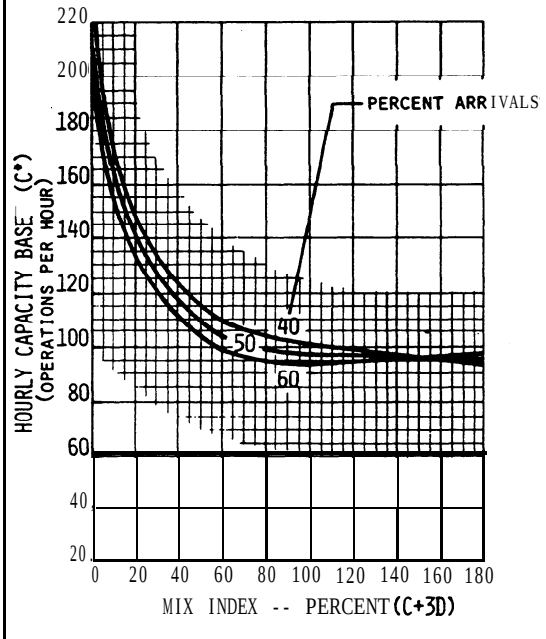
To determine Exit Factor E:

1. *Determine* exit range for appropriate mix index from table below
2. For arrival runways, determine *the average* number of exits (N) which are: *(a)* within appropriate exit range, and **(b) separated** by *at* **least** 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, *determine* Exit Factor from table below *for* appropriate mix index and percent arrival8

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrival8			S08 Arrival8			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.78	0.89	0.95	0.75	0.88	0.95	0.72	0.86	0.94
21 to so	3000 to 5500	0.89	0.92	0.97	0.87	0.91	0.96	0.86	0.90	0.95
51 to 80	3500 to 6500	1.00	1.00	1.00	1.00	1.00	1.30	0.92	0.99	1.00
81 to 120	5000 to 7000	1.00	1.00	1.00	1.00	1.00	1.00	0.90	0.97	1.00
121 to 180	5500 to 7500	0.98	1.00	1.00	0.98	1.00	1.00	0.92	0.97	1.00

FIGURE 3-37, HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 59,65 FOR VFR CONDITIONS,

HOURL'Y CAPACITY BASE **C***



TOUCH & GO FACTOR **T**

T = 1.00

C* x T x E = Hourly Capacity

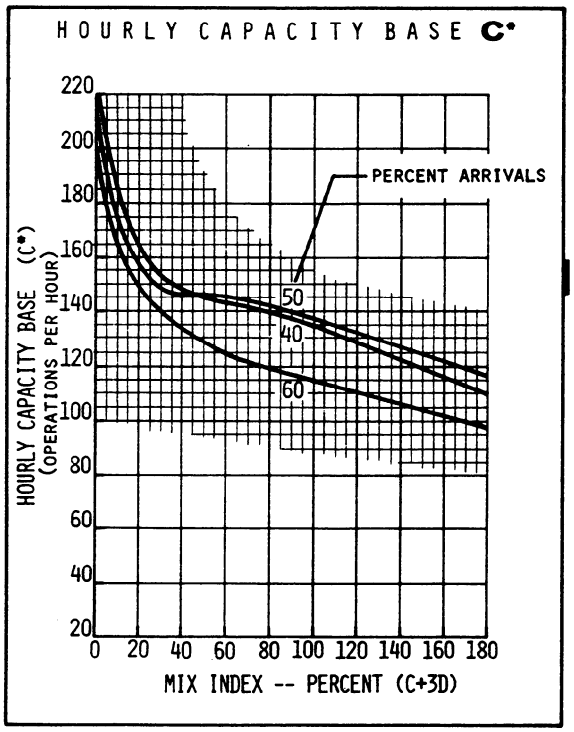
EXIT FACTOR E

To determine Exit Factor E:

1. **Determine exit range** for appropriate **mix** index from table **below**
2. For arrival runways, determine the average **number** of **exits (N)** which are: (a) **within** appropriate exit range, and **(b)** 8eparatcd by *at* **least** 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is la85 than 4, determine Exit Factor from table below **for** appropriate mix index and percent arrivals

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		408 Arrival5			50% Arrival8			60% Arrival5		
		N-O	N=1	N=2 or	N-O 3	N=1	N=2 or 3	N-O	N-l or	N-2 3
0 to 20	2000 to 4000	0.78	0.89	0.95	0.75	0.88	0.95	0.72	0.86	0.94
21 to 50	3000 to 5500	0.87	0.92	0.97	0.85	0.91	0.96	0.83	0.90	0.95
51 to 80	3500 to 6500	0.98	0.99	1.00	0.99	0.99	1.00	0.97	0.98	1.00
81 to 120	5000 to 7000	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
121 to 180	5500 to 7500	1.00	1.00	1.00	1.00	0.92	0.97	1.00	1.00	1.00

FIGURE 3-38. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NO. 60 FOR VFR CONDITIONS.



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index-- Percent (C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to 10	oto 70	1.04
11 to 20	oto 70	1.10
21 to 30	oto 40	1.20
31 to 40	oto 10	1.31
41 to 50	oto 10	1.40

C* x T x E = Hourly Capacity

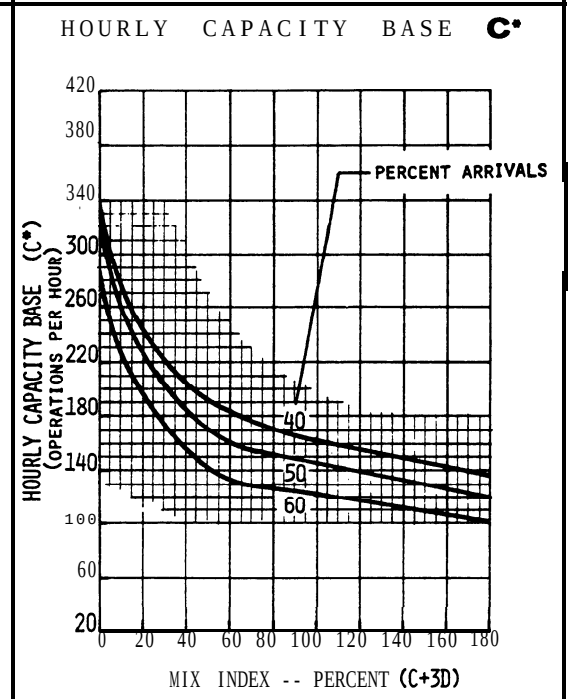
EXIT FACTOR E

To determine Exit Factor E:

1. Determine exit range ✗□□ ● pproprhte mix in&x *from* table below
2. For arrival runways, determine the average number of ● xit8(N) which are: (a) within appropriate exit range, and (b) separated by at least 750 *feet*
3. If N is 4 or more, Exit Factor = 1.00
4. *If N* is less than 4, determine Cxit Factor from table below for appropriate mix index and percent arrivals

Nix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	XXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N-O	N-l	N-2 or 3	N-O	N-l	N-2 or 3	N-O	N-l	N-2 or 3
0 to 20	2000 to 4000	0.70	0.86	0.93	0.67	0.85	0.92	0.64	0.83	0.91
21 to 50	3000 to 5500	0.96	1.00	1.00	0.91	1.00	1.00	0.78	0.92	0.97
51 to 80	3500 to 6500	0.93	0.96	1.00	0.80	0.90	0.97	0.78	0.87	0.93
81 to 120	5000 to 7000	0.93	0.96	1.00	0.83	0.90	0.96	0.83	0.90	0.96
121 to 180	5500 to 7500	0.97	0.99	1.00	0.93	0.97	1.00	0.92	0.97	1.00

FIGURE 3-39. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NO. 62 FOR VFR CONDITIONS.



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index-- Percent (C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to 10	oto 70	1.03
11 to 20	oto 70	1.10
21 to 30	0 to 40	1.18

C* x T x E = Hourly Capacity

EXIT FACTOR E

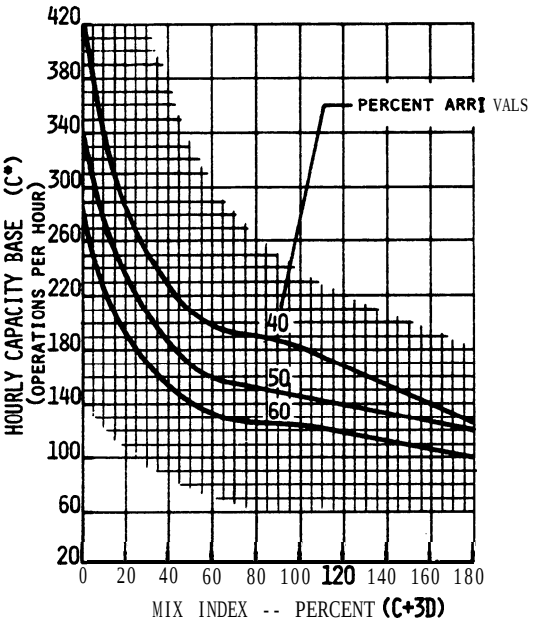
To determine txit Factor E:

1. Determine exit range *for* appropriate mix index from table below
2. For arrival runways, determine the average number *of* exits(N) which are: (a) within *appropriate* exit *range*, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If *N* is less than *4*, determine Exit Factor from table below *for* appropriate mix index and percent arrivals

Nix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N-O	N-l	N-2 or 3	N-O	N=1	N-2 or 3	N-O	N-1	N-2 or 3
0 to 20	2000 to 4000	0.75	0.87	0.94	0.64	0.82	0.93	0.62	0.79	0.90
21 to 50	3000 to 5500	0.81	0.89	0.96	0.72	0.83	0.93	0.72	0.83	0.93
51 to 80	3500 to 6500	0.81	0.90	0.95	0.75	0.84	0.92	0.75	0.84	0.92
81 to 120	5000 to 7000	0.88	0.92	0.97	0.81	0.87	0.94	0.81	0.87	0.94
121 to 180	5500 to 7500	0.93	0.97	0.98	0.89	0.96	0.98	0.89	0.96	0.98

FIGURE 3-40. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 80,81,95,96 FOR VFR CONDITIONS,

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index-- Percent (C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to 10	0 to 70	1.03
11 to 20	0 to 70	1.05
21 to 30	0 to 40	1.09
31 to 40	0 to 10	1.15
41 to 50	0 to 10	1.20

C* x T x E = Hourly Capacity

EXIT FACTOR E

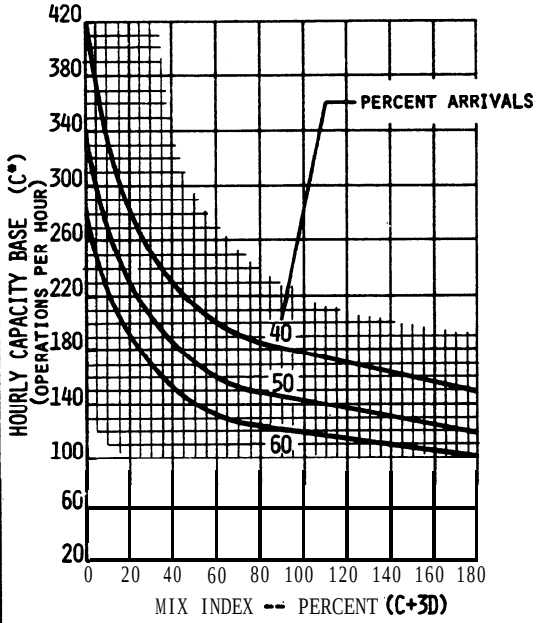
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits (N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N-2 or 3	N=0	N=1	N-2 or 3	N-O	N=1	N-2 or 3
0 to 20	2000 to 4000	0.62	0.79	0.90	0.62	0.79	0.90	0.62	0.79	0.90
21 to 50	3000 to 5500	0.72	0.83	0.93	0.72	0.83	0.93	0.72	0.83	0.93
51 to 80	3500 to 6500	0.75	0.84	0.92	0.75	0.84	0.92	0.75	0.84	0.92
81 to 120	5000 to 7000	0.81	0.87	0.94	0.81	0.87	0.94	0.81	0.87	0.94
121 to 180	5500 to 7500	1.00	1.00	1.00	0.89	0.96	0.98	0.89	0.96	0.98

FIGURE 3-41. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 83,84,98,99,102 FOR VFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

Percent Touch & Go	Mix Index-- Percent (C+3D)	TOUCH & GO FACTOR T
0	0 to 180	1.00
1 to 10	0 to 70	1.03
11 to 20	0 to 70	1.05
21 to 30	0 to 40	1.09
31 to 40	0 to 10	1.15
41 to 50	0 to 10	1.20

C* x T x E = Hourly Capacity

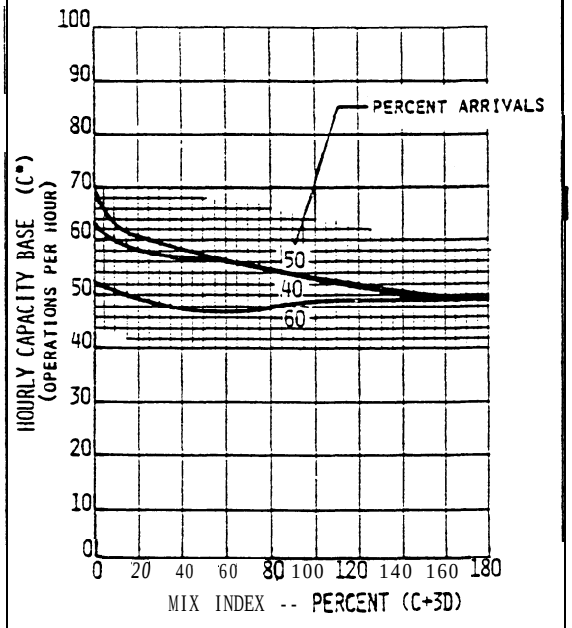
EXIT FACTOR E

To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits (N) which are: (8) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.62	0.79	0.90	0.62	0.79	0.90	0.62	0.79	0.90
21 to 50	3000 to 5500	0.72	0.83	0.93	0.72	0.83	0.93	0.72	0.83	0.93
51 to 80	3500 to 6500	0.75	0.84	0.92	0.75	0.84	0.92	0.75	0.84	0.92
81 to 120	5000 to 7000	0.81	0.87	0.94	0.81	0.87	0.94	0.81	0.87	0.94
121 to 180	5500 to 7500	0.89	0.96	0.98	0.89	0.96	0.98	0.89	0.96	0.98

FIGURE 3-42, HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 85,86,100,101 FOR VFR CONDITIONS.



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

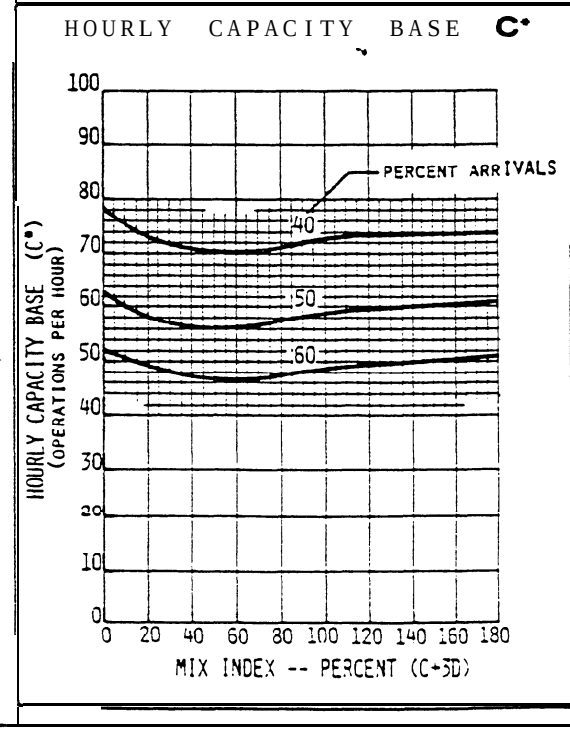
EXIT FACTOR E

To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. for arrival runways, determine the average number of exits (N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index--Percent (C+3D) 2-43,2-50	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.31	0.91	0.96	0.33	0.95	0.99	0.92	1.00	1.00
21 to 50	3000 to 5500	0.79	0.86	0.92	0.77	0.85	0.92	0.89	0.98	1.00
51 to 80	3500 to 6500	0.81	0.87	0.93	0.77	0.83	0.91	0.90	0.98	1.00
81 to 120	5000 to 7000	0.83	0.89	0.94	0.80	0.86	0.92	0.83	0.91	0.97
121 to 180	5500 to 7500	0.86	0.94	0.98	0.83	0.91	0.96	0.79	0.89	0.95

FIGURE 3-43. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 1, 54 FOR IFR CONDITIONS.



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

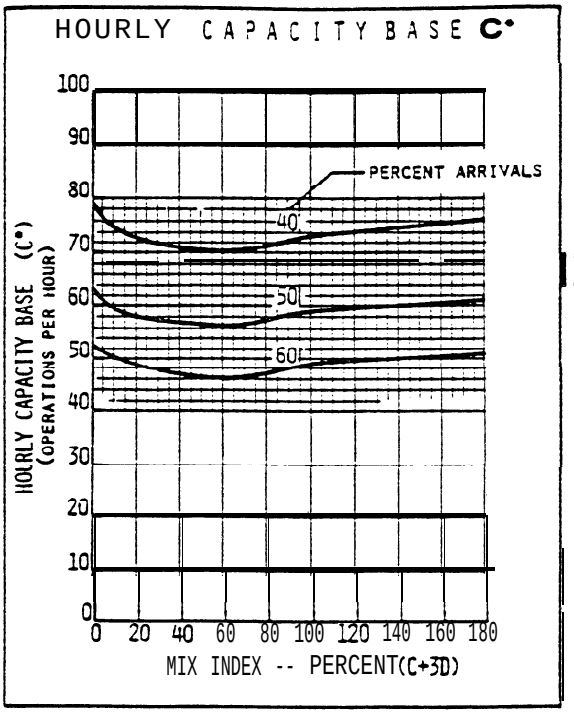
EXIT FACTOR E

To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. for arrival runways, determine the average number of exits (N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit factor from table below for appropriate mix index and percent arrivals

Mix Index--Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.99	1.00	1.00	0.98	1.00	1.00	0.98	1.00	1.00
21 to 50	3000 to 5500	0.90	0.96	0.98	0.90	0.96	0.98	0.90	0.96	0.98
51 to 80	3500 to 6500	0.91	0.97	1.00	0.91	0.97	1.00	0.91	0.97	1.00
81 to 120	5000 to 7000	0.91	0.98	1.00	0.91	0.98	1.00	0.91	0.98	1.00
121 to 180	5500 to 7500	0.92	0.97	1.00	0.90	0.97	1.00	0.90	0.97	1.00

FIGURE 3-44. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 2, 3, 9, 61-68, 72-74, 76, 77, 79, 80, 82-85, 87-89, 91, 92, 94, 95, 97-100, 102 FOR IFR CONDITIONS.



TOUCH & GO CAPACITY

T = 1.00

C* × T × E = Hourly Capacity

EXIT FACTOR E

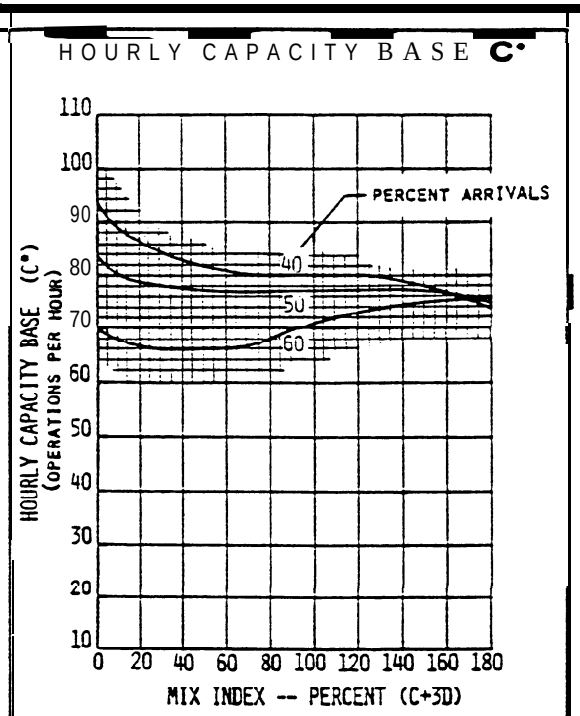
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits (N) which are: (a) within the appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index -- Percent(C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.98	1.00	1.00	0.98	1.00	1.00	0.98	1.00	1.00
21 to 50	3000 to 5500	0.90	0.96	0.98	0.90	0.96	0.98	0.90	0.96	0.98
51 to 80	3500 to 6500	0.91	0.97	1.00	0.91	0.97	1.00	0.91	0.97	1.00
81 to 120	5000 to 7000	0.91	0.98	1.00	0.91	0.98	1.00	0.91	0.98	1.00
121 to 180	5500 to 7500	0.92	0.97	1.00	0.90	0.97	1.00	0.90	0.97	1.00

FIGURE 3-45. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 4, 5, 75, 90 FOR IFR CONDITIONS.

FIGURE 3-46. DELETED



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

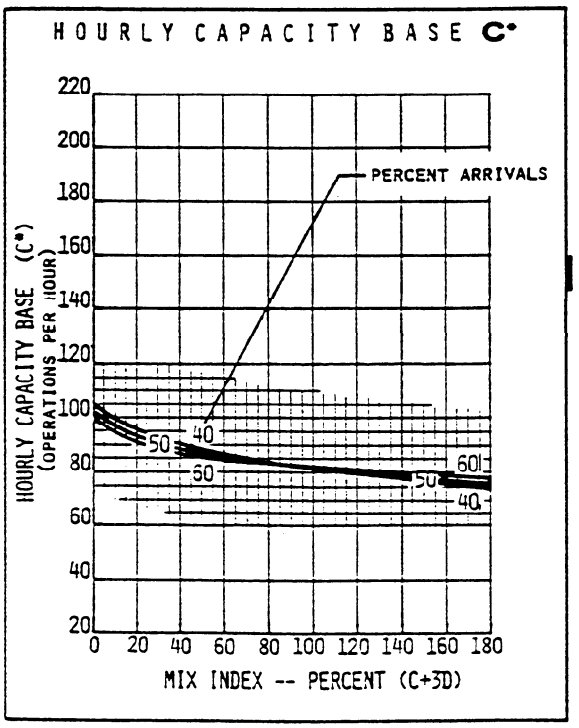
EXIT FACTOR E

to determine Exit Factor E:

1. Determine exit range appropriate to mix index from table below
2. For arrival runways, determine the average number of exits which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index--Percent(C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 3500	0.95	0.98	1.00	0.95	0.99	1.00	1.00	1.00	1.00
21 to 40	2000 to 5000	0.92	0.97	1.00	0.90	0.95	1.00	0.99	1.00	1.00
41 to 70	3500 to 6500	0.93	0.97	1.00	0.90	0.95	1.00	0.98	1.00	1.00
71 to 120	5000 to 7000	0.94	0.98	1.00	0.92	0.96	1.00	0.94	0.99	1.00
121 to 180	5500 to 7500	0.96	1.00	1.00	0.93	0.98	1.00	0.90	0.97	1.00

FIGURE 3-47. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NO. 7 FOR IFR CONDITIONS.



TOUCH 8 GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

EXIT FACTOR E

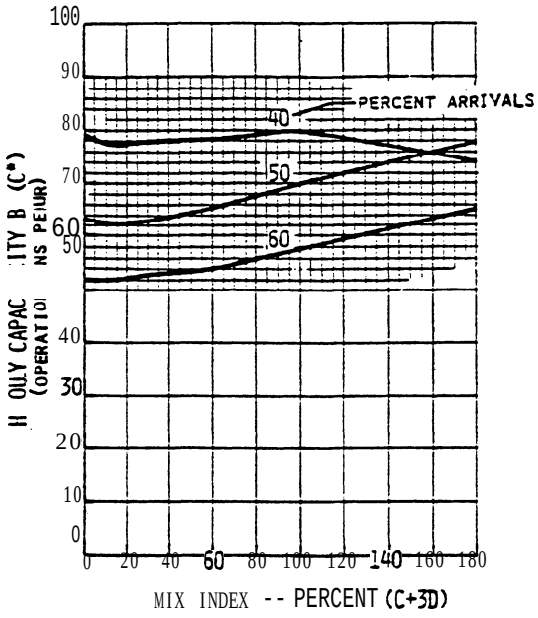
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits (N) which are (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index--Percent(C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.39	1.00	0.99	0.39	1.00	1.00	0.38	0.99	1.00
21 to 50	1000 to 5500	0.95	0.38	0.99	0.93	0.38	0.99	0.31	0.97	0.99
51 to 80	3500 to 5500	0.35	0.38	1.00	0.94	0.39	1.00	0.92	0.98	1.00
81 to 120	5000 to 7000	0.36	0.99	1.00	0.34	0.39	1.00	0.33	0.99	1.00
121 to 180	5500 to 7500	0.30	1.00	1.00	0.35	1.00	1.00	0.34	0.99	1.00

FIGURE 348. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NO. 8 FOR IFR CONCITIONS.

HOURLY CAPACITY ELSE C•



TOUCH & GO FACTOR T

T = 1.00

C• x T x E = Hourly Capacity

EXIT FACTOR E

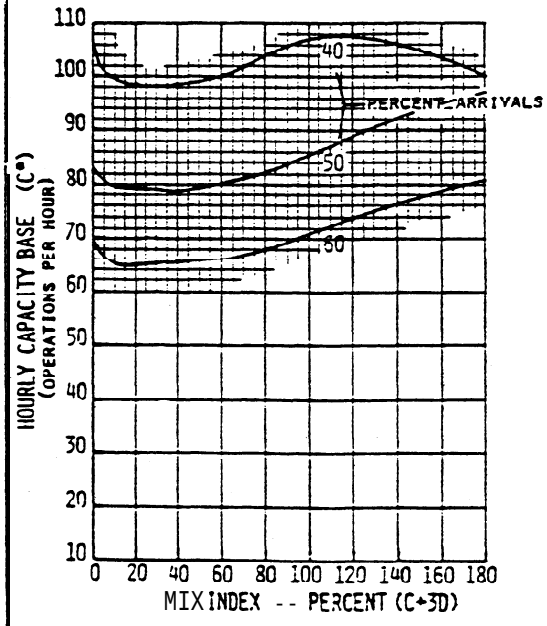
To determine Exit Factor E:

1. Determine • xzt range for appropriate mix index from table below
2. For • runways, determine the average number of • xits (N) which are: (a) within • ppropriato exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mixindexand percent • rrivals

Mix Index-- Percent(C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E
0 to 20	2000 to 4000	E = 1.00
21 to 50	3000 to 5500	
51 to 80	3500 to 6500	
81 to 120	5000 to 7000	
121 to 180	5500 to 7500	

FIGURE 3-49. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NO. 29 FOR IFR CONDITIONS.

HOURLY CAPACITY BASE C•



TOUCH & GO FACTOR T

T = 1.00

C• x T x E = Hourly Capacity

EXIT FACTOR E

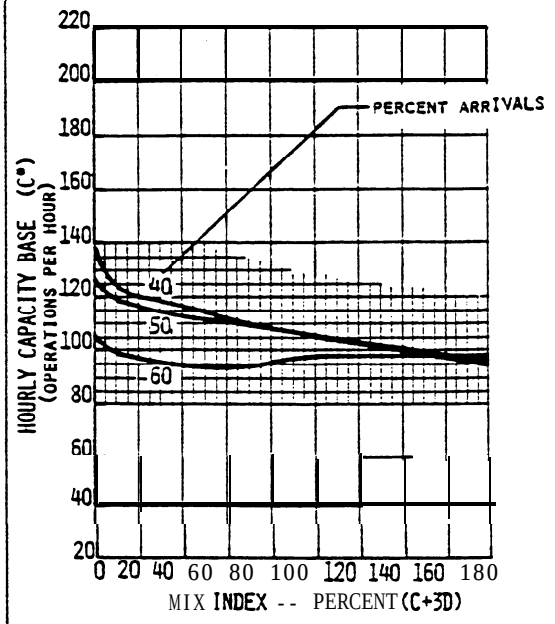
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits (N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent(C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 3500	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21 to 40	2000 to 5000	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
41 to 70	3500 to 6500	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
71 to 120	4000 to 7000	[illegible]	[illegible]	[illegible]	[illegible]	1.00	1.00	1.00	1.00	1.00
121 to 180	5500 to 7500	0.84	0.95	1.00	0.86	1.00	1.00	1.00	1.00	1.00

FIGURE 3-50. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 11, 70 FOR IFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

EXIT FACTOR E

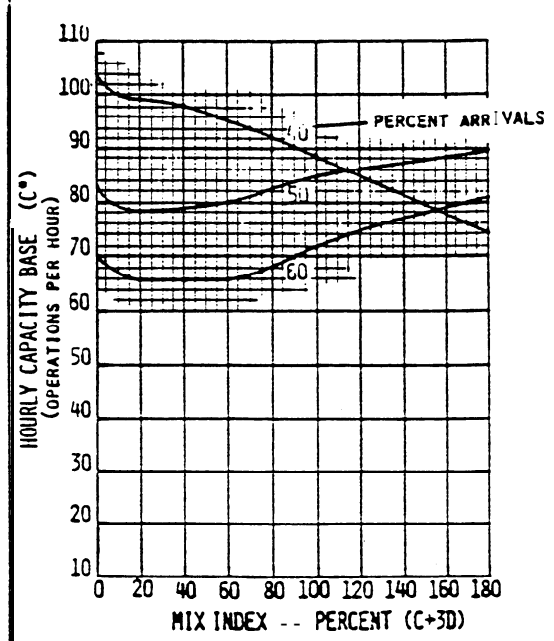
To determine Exit Factor E:

1. Determine the range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits (N) which are: (a) within the appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or norm, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for the appropriate mix index and percent arrivals

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2	N=0	N=1	N=2	N=0	N=1	N=2
2-43, 2-50, 3-65, 4-80	2000 to 4000	0.31	0.31	0.36	0.33	0.35	0.39	0.32	1.30	D/30
21 to 50	3000 to 5500	0.79	0.36	0.92	0.77	0.85	0.92	0.89	0.98	1.30
51 to 80	3500 to 6500	0.81	0.37	0.93	0.77	0.33	0.31	0.30	0.38	1.30
81 to 120	5000 to 7000	0.83	0.39	0.94	0.30	0.36	0.92	0.93	0.91	3.97
121 to 180	5500 to 7500	0.36	0.94	0.98	0.33	0.91	0.96	0.79	0.39	0.95

FIGURE 3-51. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 12, 71 FOR IFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

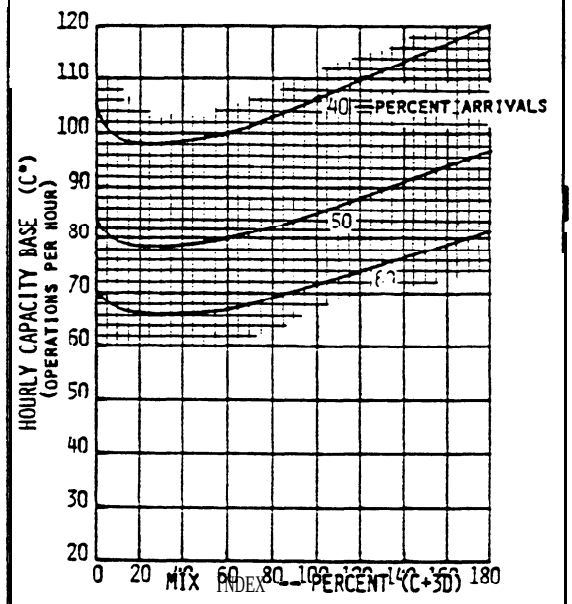
EXIT FACTOR E

To determine Exit Factor E:

1. Determine the range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits (N) which are: (a) within the appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.30
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E
0 to 20	2000 to 3500	E-L 00
21 to 40	2000 to 5000	
41 to 70	3500 to 000	
71 to 110	5000 to 7000	
121 to 180	5500 to 7500	

FIGURE 3-52. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 13, 16, 24, 27 FOR IFR CONDITIONS.



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

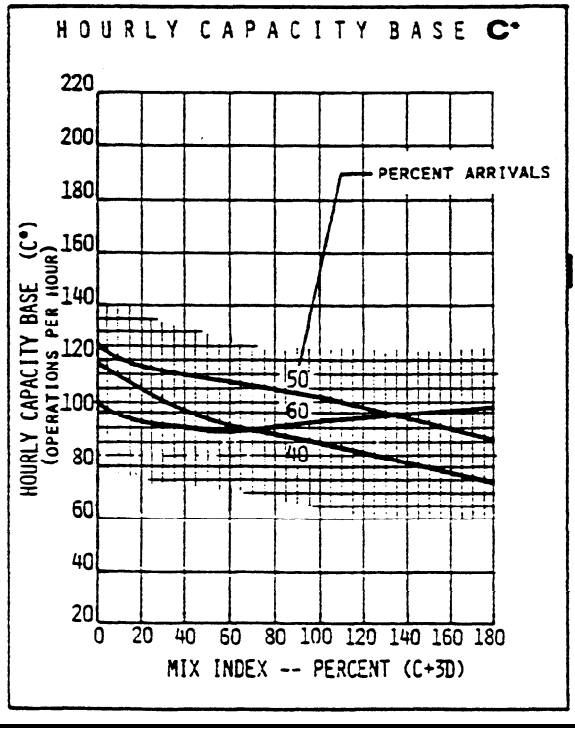
EXIT FACTOR E

To determine hit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number □ ● xits(N) which ● □ (a) within appropriate ● xit range, and (b) separated by at least 750 feet
3. If N is 4 or more, hit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate ● ix index ● nd percent arrivals

Mix Index-- Percent(C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E: 40% Arrivals N=0	40% Arrivals N=1	40% Arrivals N=2 or 3	50% Arrivals N=0	50% Arrivals N=1	50% Arrivals N=2 or 3	60% Arrivals N=0	60% Arrivals N=1	60% Arrivals N=2 or 3
0 to 20	2000 to 3500	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21 to 40	2000 to 5000	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
41 to 70	3500 to 6500	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
121 to 280	5500 to 7500	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

FIGURE 3-53. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NO. 21 FOR IFR CONDITIONS.



TOUCH 8 GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

EXIT FACTOR E

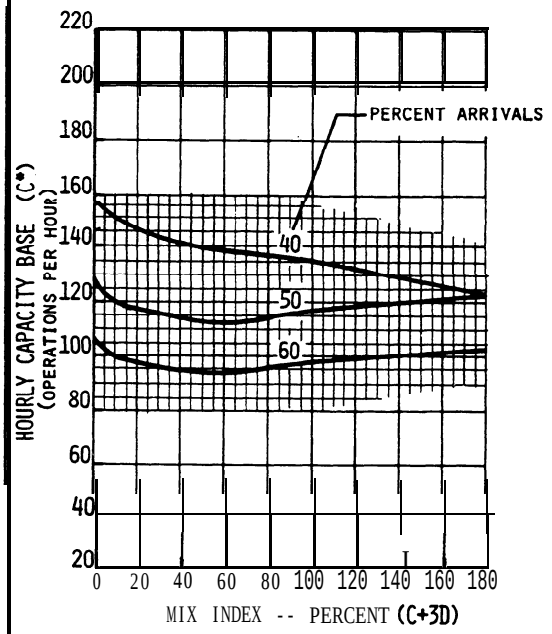
To determine Exit Factor E:

2. Determine ● %it range for appropriate mix index from table below
2. tot arrival runways, determine the ● vmr8ge number □ ● xit8(N1 which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 2.00
4. If N is less than 4, determine Exit Factor from table below for ● gpropfirtm mix index ● percent ● rrlv818

Mix Index-- Percent(C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E: 40% Arrivals N=0	40% Arrivals N=1	40% Arrivals N=2 or 3	50% Arrivals N=0	50% Arrivals N=1	50% Arrivals N=2 or 3	50% Arrivals N=0	50% Arrivals N=1	50% Arrivals N=2 or 3
0 to 20	2000 to 4000	1.30	1.30	1.00	0.98	1.00	1.30	0.98	1.30	1.30
21 to 50	3000 to 5500	1.30	1.30	1.00	0.90	0.96	0.98	0.90	0.96	0.98
51 to 80	3500 to 6500	1.30	1.30	1.00	0.91	0.97	1.00	0.91	0.97	1.00
81 to 120	5000 to 7000	1.30	1.30	1.30	1.00	1.30	1.30	0.91	0.98	1.30
121 to 180	5500 to 7500	1.30	1.30	1.30	1.30	1.30	1.30	0.90	0.97	1.30

FIGURE 3-54. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS. 15, 28 FOR IFR CONDITIONS:

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

EXIT FACTOR E

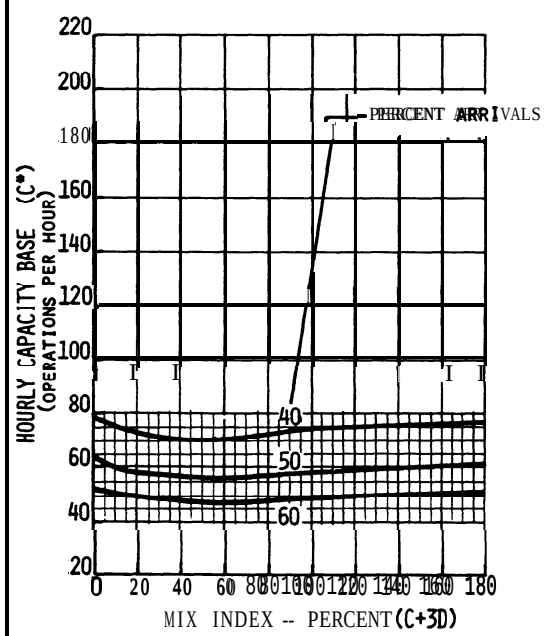
To determine Exit Factor E:

1. Determine exit range for appropriate *mix index* from table below
2. For arrival runways, determine the average number of exits (N) which are: (a) within appropriate exit range, and (b) separated by at *least* 750 feet
3. *If N is 4 or* more, *Exit* Factor = 1.00
4. *If* N is less than 4, determine Exit Factor from table below for appropriate mix index and *percent* arrivals

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N-0	N=1	N=2 or 3	N-0	N-1	N-2 or 3	N=0	N=1	N-2 or 3
0 to 20	2000 to 4000	0.98	0.99	1.00	0.98	0.99	1.00	0.98	0.99	1.00
21 to 50	3000 to 5500	0.90	0.96	0.98	0.90	0.96	0.98	0.90	0.96	0.98
51 to 80	3500 to 6500	0.92	0.98	1.00	0.92	0.98	1.00	0.91	0.97	1.00
81 to 120	5000 to 7000	0.95	0.99	1.00	0.92	0.99	1.00	0.91	0.98	1.00
121 to 180	5500 to 7500	0.95	0.99	1.00	0.90	0.97	1.00	0.90	0.97	1.00

FIGURE 3-55. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 18,22,26,31,36 FOR IFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

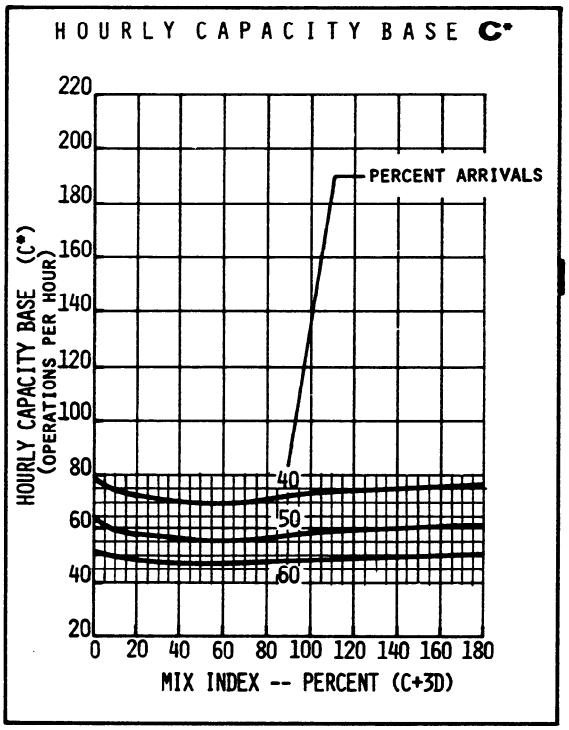
EXIT FACTOR E

To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits (N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals.

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N-0	N-1	N-2 or 3	N-0	N=1	N-2 or 3	N-0	N-1	N=2 or 3
0 to 20	2000 to 4000	0.98	1.00	1.00	0.98	1.00	1.00	0.98	1.00	1.00
21 to 50	3000 to 5500	0.90	0.96	0.98	0.90	0.96	0.98	0.90	0.96	0.98
51 to 80	3500 to 6500	0.91	0.97	1.00	0.91	0.97	1.00	0.91	0.97	1.00
81 to 120	5000 to 7000	0.91	0.98	1.00	0.91	0.98	1.00	0.91	0.98	1.00
121 to 180	5500 to 7500	0.92	0.97	1.00	0.90	0.97	1.00	0.90	0.97	1.00

FIGURE 3-56. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 19,25 FOR IFR CONDITIONS.



TOUCH 8 60 FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

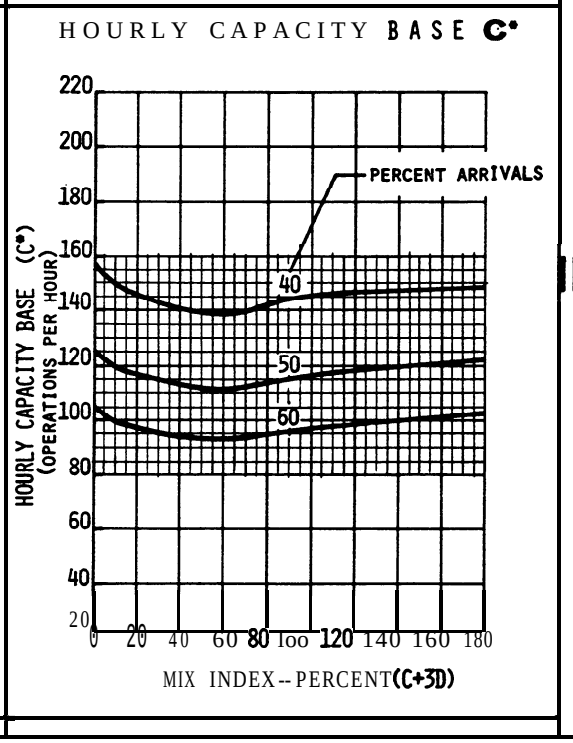
EXIT FACTOR E

To determine Exit Factor Et

1. Determine exit range for appropriate mix index from table below
2. For arrival rummy*, determine the average number of exits (N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index--Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.98	1.00	1.00	0.98	1.00	1.00	0.98	1.00	1.00
21 to 50	3000 to 5500	0.90	0.96	0.98	0.90	0.96	0.98	0.90	0.96	0.98
51 to 80	3500 to 6500	0.91	0.97	1.00	0.91	0.97	1.00	0.91	0.97	1.00
81 to 120	5000 to 7000	0.91	0.98	1.00	0.91	0.98	1.00	0.91	0.98	1.00
121 to 180	5500 to 7500	0.92	0.97	1.00	0.90	0.97	1.00	0.90	0.97	1.00

FIGURE 3-57. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 78,81,86,93,96,101 FOR IFR CONDITIONS.



TOUCH 8 60 FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

EXIT FACTOR E

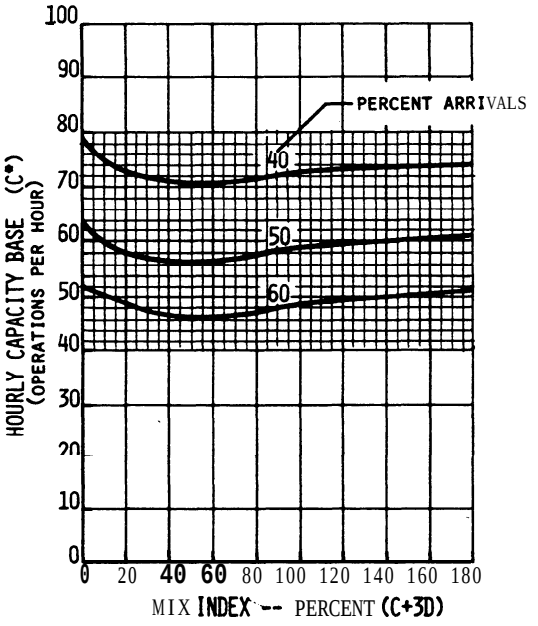
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways determine [illegible] number of [illegible] are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine bit Factor from table below for appropriate mix index and percent arrivals

Mix Index--Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.98	1.00	1.00	0.98	1.00	1.00	0.98	1.00	1.00
21 to 50	3000 to 5500	0.90	0.96	0.98	0.90	0.96	0.98	0.90	0.96	0.98
51 to 80	3500 to 6500	0.91	0.97	1.00	0.91	0.97	1.00	0.91	0.97	1.00
81 to 120	5000 to 7000	0.91	0.98	1.00	0.91	0.98	1.00	0.91	0.98	1.00
121 to 180	5500 to 7500	0.92	0.97	1.00	0.90	0.97	1.00	0.90	0.97	1.00

FIGURE 3-58. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 32-35,37-42 FOR IFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

EXIT FACTOR E

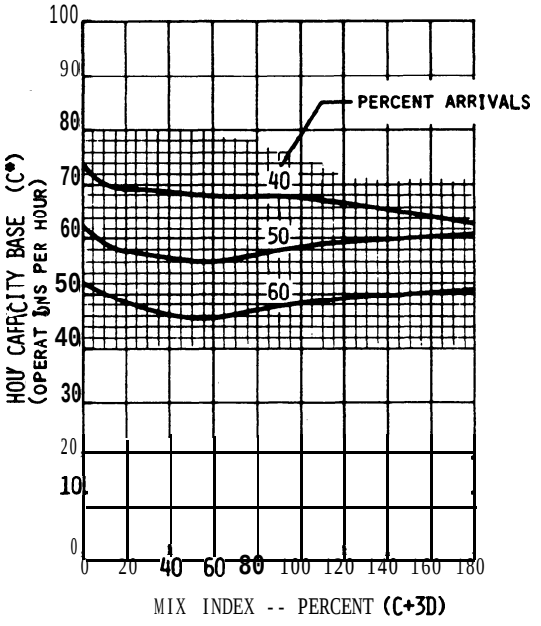
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits(N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index--Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E: 40% Arrivals N=0	40% Arrivals N=1	40% Arrivals N=2 or 3	50% Arrivals N=0	50% Arrivals N=1	50% Arrivals N=2 or 3	60% Arrivals N=0	60% Arrivals N=1	60% Arrivals N=2 or 3
0 to 20	2000 to 4000	0.98	1.00	1.00	0.99	1.00	1.00	0.98	1.00	1.00
21 to 50	3000 to 5500	0.92	0.99	1.00	0.91	0.99	1.00	0.92	1.00	1.00
51 to 80	3500 to 6500	0.91	0.98	1.00	0.90	0.97	1.00	0.92	0.99	1.00
81 to 120	5000 to 7000	0.94	0.98	1.00	0.91	0.97	1.00	0.91	0.97	1.00
121 to 180	5500 to 7500	0.95	1.00	1.00	0.92	0.99	1.00	0.91	0.99	1.00

FIGURE 3-59. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 43,49,55 FOR IFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

EXIT FACTOR E

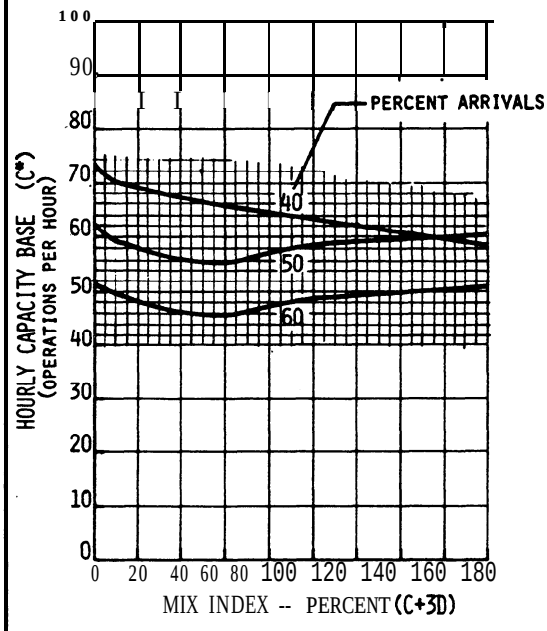
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits(N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index--Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E: 40% Arrivals N=0	40% Arrivals N=1	40% Arrivals N=2 or 3	50% Arrivals N=0	50% Arrivals N=1	50% Arrivals N=2 or 3	60% Arrivals N=0	60% Arrivals N=1	60% Arrivals N=2 or 3
0 to 20	2000 to 4000	0.98	1.00	1.00	0.99	1.00	1.00	0.98	1.00	1.00
21 to 50	3000 to 5500	0.92	0.99	1.00	0.91	0.99	1.00	0.92	1.00	1.00
51 to 80	3500 to 6500	0.91	0.98	1.00	0.90	0.97	1.00	0.92	0.99	1.00
81 to 120	5000 to 7000	0.94	0.98	1.00	0.91	0.97	1.00	0.91	0.97	1.00
121 to 180	5500 to 7500	0.95	1.00	1.00	0.92	0.99	1.00	0.91	0.99	1.00

FIGURE 3-60. HOURLY CAPACITY OF HUNWAY-USE DIAGRAM NOS.: 44,50,56 FOR IFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

EXIT FACTOR E

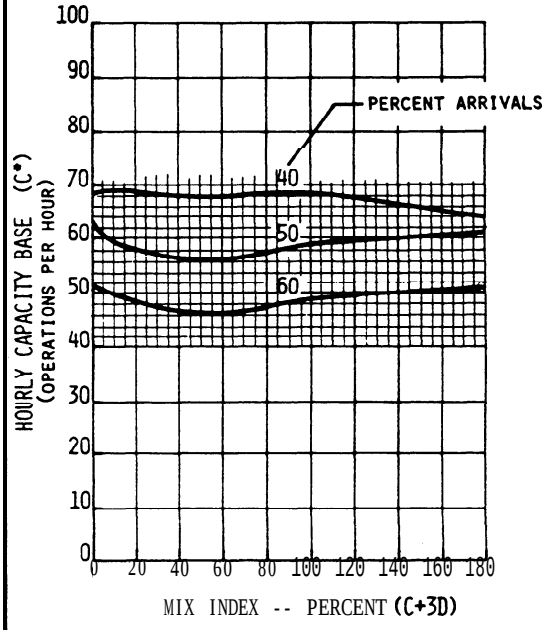
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits (N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N 18 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index--Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N-L	N=2 or 3	N-O	N=1	N-2 or 3	N-O	N=1	N=2 or 3
0 to 20	2000 to 4000	0.99	1.00	1.00	0.99	1.00	1.00	0.98	1.00	1.00
21 to 50	3000 to 5500	0.96	1.00	1.00	0.92	0.99	1.00	0.93	1.00	1.00
51 to 80	3500 to 6500	0.93	1.00	1.00	0.90	0.97	1.00	0.90	0.98	1.00
81 to 120	5000 to 7000	0.99	1.00	1.00	0.91	0.97	1.00	0.91	0.97	1.00
121 to 180	5500 to 7500	1.00	1.00	1.00	0.92	0.99	1.00	0.92	0.99	1.00

FIGURE. 3-61, HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 45,51,57 FOR IFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

EXIT FACTOR E

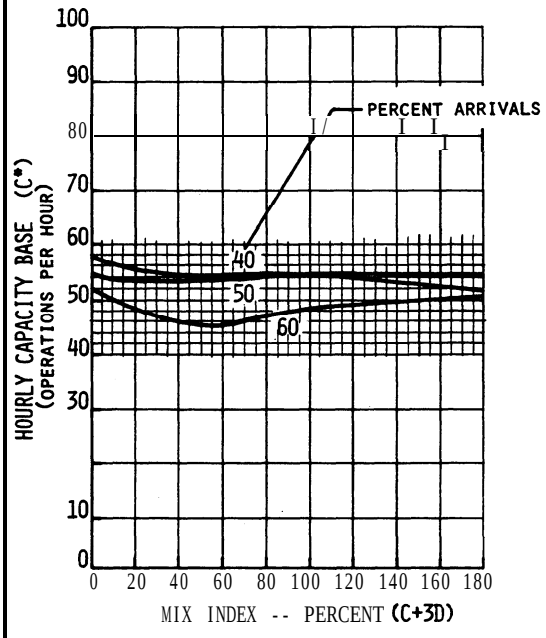
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits (N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index--Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.94	0.95	1.00	0.99	1.00	1.00	0.98	1.00	1.00
21 to 50	3000 to ssoo	0.9s	0.98	1.00	0.93	0.99	1.00	0.93	1.00	1.00
51 to 80	3500 to 6500	0.92	0.97	1.00	0.90	0.97	1.00	0.90	0.98	1.00
81 to 120	5000 to 7000	0.96	0.98	1.00	0.91	0.97	1.00	0.91	0.97	1.00
121 to 180	5500 to 7500	0.98	1.00	1.00	0.92	0.99	1.00	0.92	0.99	1.00

FIGURE 3-52. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 46,52,58 FOR IFR CONDITIONS.

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

EXIT FACTOR E

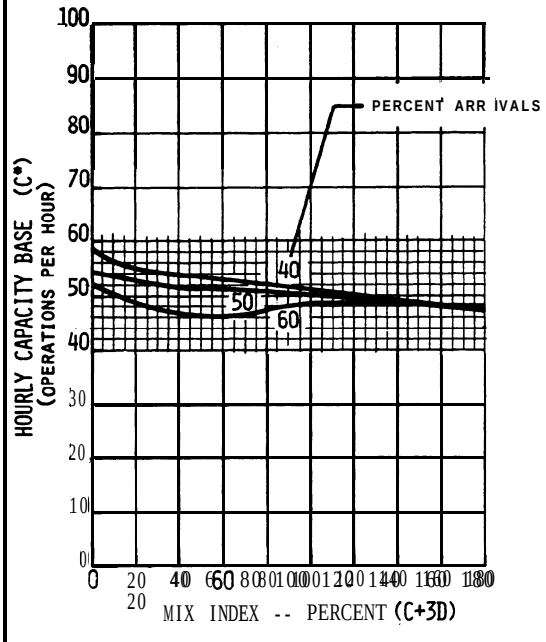
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits (N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N-O	N=1	N-2 or 3
0 to 20	2000 to 4000	1.00	1.00	1.00	1.00	1.00	1.00	0.98	1.00	1.00
21 to so	3000 to 5500	1.00	1.00	1.00	0.97	1.00	1.00	0.91	1.00	1.00
51 to 80	3500 to 6500	1.00	1.00	1.00	0.94	1.00	1.00	0.92	0.99	1.00
81 to 120	5000 to 7000	1.00	1.00	1.00	0.98	1.00	1.00	0.91	0.97	1.00
121 to 180	5500 to 7500	1.00	1.00	1.00	1.00	1.00	1.00	0.93	0.99	1.00

FIGURE 3-63. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 47,59 FOR IFR CONDITIONS,

HOURLY-CAPACITY BASE C*



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

EXIT FACTOR E

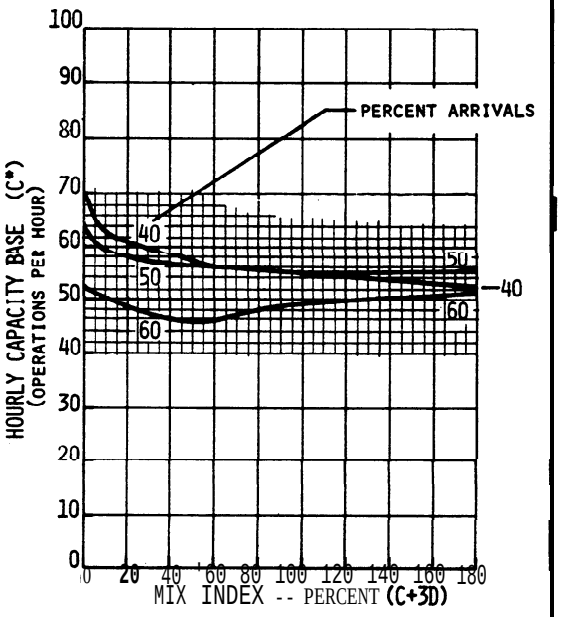
To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exits (N) which are: (a) within appropriate exit range, and (b) separated by at least 750 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index-- Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N-O	N=1	N-2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	1.00	1.00	1.00	1.00	1.00	1.00	0.98	1.00	1.00
21 to 50	3000 to 5500	1.00	1.00	1.00	0.97	1.00	1.00	0.91	1.00	1.00
51 to 80	3500 to 6500	1.00	1.00	1.00	0.94	1.00	1.00	0.92	0.99	1.00
81 to 120	5000 to 7000	1.00	1.00	1.00	0.98	1.00	1.00	0.91	0.97	1.00
121 to 180	5500 to 7500	1.00	1.00	1.00	1.00	1.00	1.00	0.93	0.99	1.00

FIGURE 3-64. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NOS.: 48,60 FOR IFR CONDITIONS,

HOURLY CAPACITY BASE C*



TOUCH & GO FACTOR T

T = 1.00

C* x T x E = Hourly Capacity

EXIT FACTOR E

To determine Exit Factor E:

1. Determine exit range for appropriate mix index from table below
2. For arrival runways, determine the average number of exit8(N) which are: (a) within appropriate exit range, and (b) separated by at least 7S0 feet
3. If N is 4 or more, Exit Factor = 1.00
4. If N is less than 4, determine Exit Factor from table below for appropriate mix index and percent arrivals

Mix Index--Percent (C+3D)	Exit Range (Feet from threshold)	EXIT FACTOR E								
		40% Arrivals			50% Arrivals			60% Arrivals		
		N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3	N=0	N=1	N=2 or 3
0 to 20	2000 to 4000	0.81	0.91	0.96	0.83	0.95	0.99	0.92	1.00	1.00
21 to 50	3000 to 5500	0.79	0.86	0.92	0.77	0.85	0.92	0.89	0.98	1.00
51 to 80	3500 to 6500	0.81	0.87	0.93	0.77	0.83	0.91	0.90	0.98	1.00
81 to 120	5000 to 7000	1.00	1.00	1.00	0.98	1.00	1.00	0.91	0.97	1.00
121 to 180	5500 to 7500	1.00	1.00	1.00	1.00	1.00	1.00	0.92	0.99	1.00

FIGURE 3-S5. HOURLY CAPACITY OF RUNWAY-USE DIAGRAM NO. 53 FOR IFR CONDITIONS.

FIGURE 3-66A RUNWAY OPERATIONS RATE
0 TO 35 OPERATIONS PER HOUR

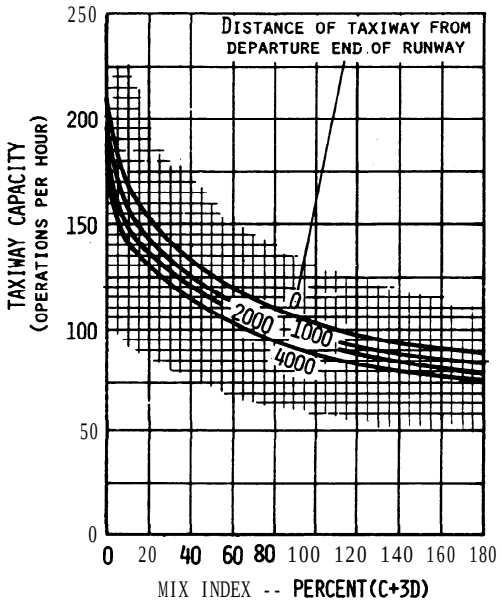


FIGURE 3-66B RUNWAY OPERATIONS RATE
36 TO 55 OPERATIONS PER HOUR

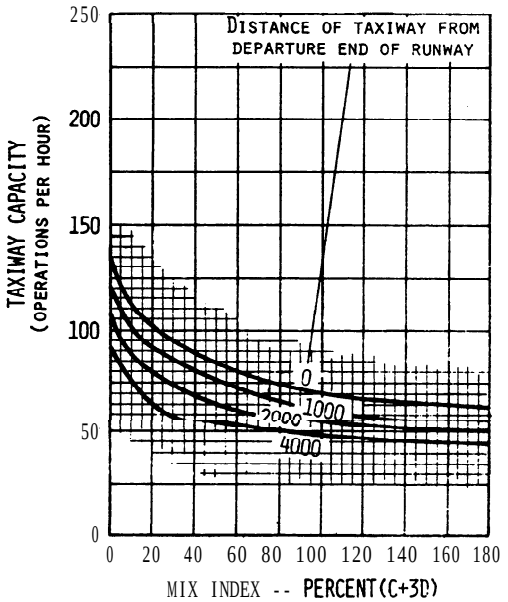


FIGURE 3-66C RUNWAY OPERATIONS RATE
56 TO 75 OPERATIONS PER HOUR

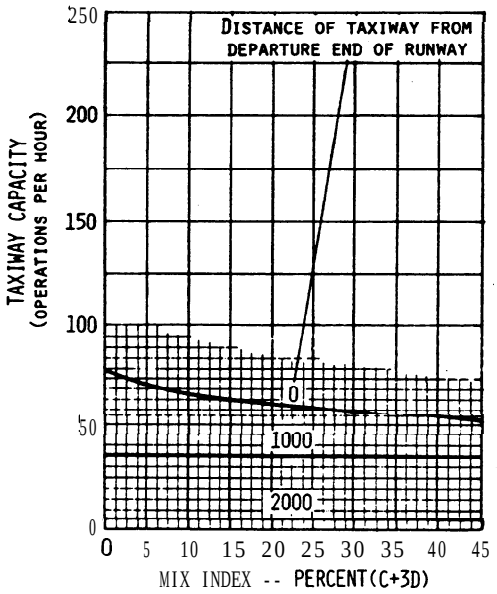


FIGURE 3-66D RUNWAY OPERATIONS RATE
76 TO 95 OPERATIONS PER HOUR

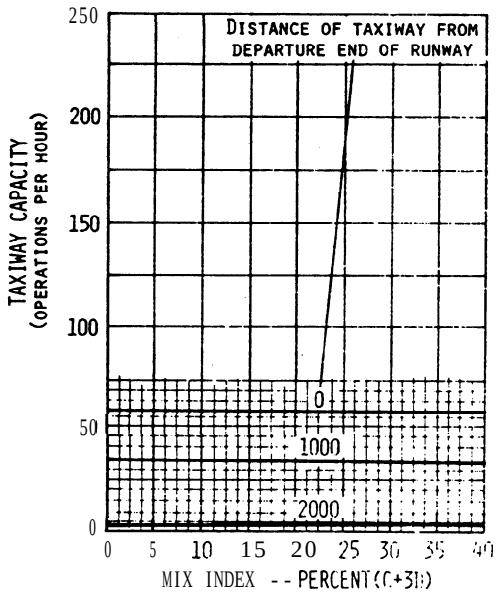


FIGURE 3-66. HOURLY CAPACITY OF A TAXIWAY CROSSING AN ACTIVE RUNWAY WITH ARRIVALS ONLY OR WITH MIXED OPERATIONS