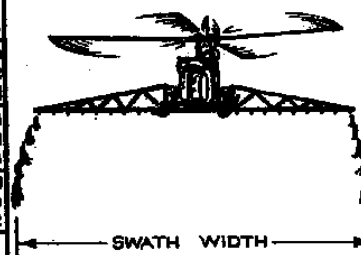


22 NOZZLES				LIQUID PRESSURE IN KPa	22 NOZZLES TOTAL CAPACITY IN L/min	LITERS PER HECTARE												22 NOZZLES				LIQUID PRESSURE IN KPa	22 NOZZLES TOTAL CAPACITY IN L/min	LITERS PER HECTARE												
4664A NOZZLE W/ DISC & CORE NO.	DISC NO.	CORE NO.	OR- FICE DIA. IN/mm			10m SWATH	11m SWATH	12m SWATH	13m SWATH	40	60	80	40	60	80	40	60	80	40	60	80			40	60	80	40	60	80	40	60	80	40	60	80	
D2-13	D2	13	1.0	200 250 300	6.2 7.1 7.2	9.2 10.6 10.9	6.2 7.1 7.2	4.6 5.3 5.4	8.4 9.7 9.9	5.6 6.4 6.6	4.2 4.8 4.9	7.7 8.8 9.1	5.1 5.9 6.0	3.9 4.4 4.5	7.1 8.2 8.4	4.7 5.4 5.6	4.3 4.1 4.2	** D4-45	D4	45	1.6	200 250 300	2.5 2.8 3.1	38 42 46	25 28 31	19.0 21 23	35 39 42	23 26 28	17.3 19.3 21	32 35 39	21 24 26	15.9 17.7 19.3	29 33 36	19.5 22 24	14.7 16.3 17.8	
D3-13	D3	13	1.2	200 250 300	6.8 7.5 8.1	10.2 11.2 12.1	6.8 7.5 8.1	5.1 5.6 6.1	9.3 10.2 11.0	6.2 6.8 7.3	4.7 5.1 5.5	8.5 9.4 10.1	5.7 6.2 6.7	4.3 4.7 5.0	7.9 8.8 9.8	5.3 5.8 6.2	3.9 4.3 4.7	** D5-45	D5	45	1.9	200 250 300	3.2 3.6 3.9	48 54 59	32 36 39	24 27 29	44 49 53	29 33 36	22 24 27	40 45 49	27 30 33	20 22 24	37 41 45	25 28 30	18.5 21 23	
D4-13	D4	13	1.6	200 250 300	8.8 9.8 10.4	13.2 14.4 15.6	8.8 9.6 10.4	6.8 7.2 7.8	12.0 13.1 14.2	8.0 8.7 9.5	6.0 6.5 7.1	11.0 12.0 13.0	7.4 8.0 8.7	5.9 6.2 6.5	10.2 11.0 12.0	6.8 7.4 8.0	3.1 3.5 4.0	** D6-45	D6	45	2.4	200 250 300	4.1 4.6 5.1	62 69 76	41 46 51	31 34 38	56 62 69	37 42 46	28 31 35	52 57 63	34 38 42	26 29 32	48 53 59	35 38 42	35 39 43	
D2-23	D2	23	1.0	200 250 300	7.6 8.3 9.0	11.4 12.3 13.5	7.6 8.3 9.0	5.7 6.2 6.7	10.3 11.4 12.3	6.9 7.6 8.2	5.2 5.7 6.1	9.5 10.4 11.2	6.3 6.9 7.5	4.7 5.2 5.6	9.6 10.4 11.2	5.8 6.4 6.9	4.4 4.8 5.2	** D7-45	D7	45	2.8	200 250 300	4.8 5.4 5.9	72 81 89	48 54 59	36 41 44	66 74 81	44 49 54	33 37 40	60 68 74	40 45 49	30 34 37	56 62 68	46 51 55	35 42 46	
D3-23	D3	23	1.2	200 250 300	8.6 9.4 10.2	12.9 14.1 15.2	8.6 9.4 10.2	6.4 7.1 7.6	11.7 12.8 13.9	7.8 8.6 9.2	5.8 6.4 6.9	10.7 11.8 12.7	7.1 7.9 8.5	5.4 5.9 6.3	9.9 10.9 11.7	6.6 7.2 7.8	4.9 5.4 5.9	** D8-45	D8	45	3.2	200 250 300	6.0 6.7 7.3	90 100 110	60 67 73	45 50 55	82 91 100	55 61 67	41 45 50	75 83 92	50 56 61	37 42 46	69 77 85	46 51 56	35 42 46	
D4-23	D4	23	1.6	200 250 300	11.2 12.3 13.5	16.9 18.5 20	11.2 12.3 13.5	8.4 9.2 10.1	15.3 16.8 18.4	10.2 11.2 12.3	7.7 8.4 9.2	14.1 15.4 16.9	9.4 10.3 11.2	7.0 7.7 8.4	13.0 14.2 15.6	8.6 9.5 10.4	6.5 7.1 7.8	** D9-45	D9	45	4.0	200 250 300	7.7 8.6 9.6	116 129 144	77 86 96	58 64 72	106 117 131	70 78 87	53 58 65	97 107 120	65 71 80	48 54 60	89 99 110	60 66 74	45 51 55	
* D5-23	D5	23	1.9	200 250 300	13.1 14.2 15.8	19.6 21 24	13.1 14.2 15.8	9.8 10.6 11.9	17.8 19.3 21.4	11.9 12.9 14.4	8.9 9.7 10.6	16.3 17.7 19.3	10.9 11.8 13.2	8.2 8.8 9.9	15.1 16.3 18.3	10.1 10.9 12.2	7.5 8.2 9.1	** D7-46	D7	46	2.8	200 250 300	9.8 11.0 12.1	147 165 181	98 110 121	74 82 91	134 150 165	89 100 110	67 75 82	123 137 151	82 92 101	61 69 75	113 127 139	76 85 93	57 63 70	
* D6-23	D6	23	2.4	200 250 300	15.2 16.7 18.3	23 25 27	15.2 16.7 18.3	11.4 12.6 13.7	21 23 25	13.8 15.2 16.7	10.9 12.6 13.7	18.9 20.9 22.9	12.6 13.9 15.4	9.5 10.5 11.4	17.3 19.3 21	11.7 12.9 14.1	8.7 9.7 10.6	** D8-46	D8	46	3.2	200 250 300	12.9 14.6 15.8	194 220 240	129 146 158	97 109 119	176 199 220	117 132 144	88 99 106	161 182 198	108 121 132	81 91 99	149 168 183	99 112 122	74 84 91	
** D2-25	D2	25	1.0	200 250 300	11.5 12.7 13.6	17.2 19.0 21	11.5 12.7 13.6	8.6 9.8 10.4	15.7 17.3 18.8	10.4 11.8 12.8	7.8 8.6 9.4	14.4 15.8 17.3	9.8 10.5 11.6	7.2 7.9 8.6	13.5 14.6 15.9	6.8 7.7 8.6	** D3-25	D3	25	1.2	200 250 300	13.6 15.0 16.4	20 22 25	13.6 15.0 16.4	10.3 11.2 12.2	18.5 20.6 22.2	11.3 12.5 14.3	8.5 9.4 10.2	15.7 17.3 18.8	10.4 11.5 12.5	7.8 8.7 9.5	14.4 15.9 17.3	9.8 10.9 11.8	7.2 8.1 8.7	13.5 14.6 15.9	6.8 7.7 8.6
** D4-25	D4	25	1.6	200 250 300	20.7 22.9 25.0	31 34 37	20.7 22.9 25.0	15.6 17.2 18.7	28 31 34	18.8 21 23	14.1 15.6 17.0	26 29 31	17.3 19.1 21	11.3 12.5 13.6	24 26 29	10.4 11.6 12.4	** D5-25	D5	25	1.9	200 250 300	24.8 27.5 30.0	37 41 46	24.8 27.5 30.0	18.6 21 22	34 37 41	23 25 27	34 37 41	23 25 27	46 51 56	31 34 37	25 28 31	43 47 51	29 31 34	14.3 15.9 17.3	
* D6-25	D6	25	2.4	200 250 300	31.9 35.4 38.7	48 53 58	31.9 35.4 38.7	24 27 29	43 48 53	29 33 35	22 24 26	40 44 48	27 32 36	19.9 22 24	37 41 45	18.4 20 22	** D7-25	D7	25	2.8	200 250 300	37.1 40.8 45.0	56 61 67	37.1 40.8 45.0	28 31 34	51 56 61	34 37 41	46 51 56	28 31 34	61 67 73	41 44 48	51 56 61	29 31 34	21 24 28		
* D8-25	D8	25	3.2	200 250 300	43.5 48.3 53	65 72 79	43.5 48.3 53	49 56 61	65 72 79	39 44 48	30 33 36	54 60 66	36 40 44	27 30 33	50 56 61	33 37 41	** D8-25	D8	25	3.2	200 250 300	43.5 48.3 53	65 72 79	43.5 48.3 53	49 56 61	65 72 79	39 44 48	30 33 36	54 60 66	36 40 44	27 30 33	50 56 61	33 37 41	21 24 28		



TABULATION SHOWS LITERS PER HECTARE AT PRESSURES, SPEEDS AND SWATH WIDTHS MOST COMMONLY USED ON HELICOPTERS.

CAPACITIES ARE BASED ON 22 NOZZLES ALONG THE BOOM AND SPRAYING SIMULTANEOUSLY. FOR OTHER QUANTITIES OF NOZZLES (SAME OPERATING CONDITIONS) THE CAPACITIES ARE PROPORTIONAL.

TABULATION IS BASED ON WATER AT TEMPERATURE OF 21° C.

kPa = PRESSURE IN KILOPASCAL.
L/min = CAPACITY IN LITERS PER MINUTE.
km/h = GROUND SPEED OF HELICOPTER IN KILOMETERS PER HOUR.

* RECOMMENDED FOR CLOSE TO GROUND SPRAYING.
** RECOMMENDED FOR HIGHER ELEVATION SPRAYING.
FOR DETAILS ON #4664A DIAPHRAGM TEEJET NOZZLE, SEE DATA SHEET #4664A AND BULLETIN 133.

DESCRIPTION:
LITER PER HECTARE
TABULATION FOR HELICOPTER
SPRAYING
USING NO. 4664A DIAPHRAGM
TEEJET
WITH DISC TYPE ORIFICE

Spraying Systems Co.
Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, IL 60189-7900

Rev. No. _____
Ref. _____

Data Sheet No.
17946
SHEET OF _____