In a double supply floor Nº 1000 11:35 0,00 ; 11=30 C21

Rind presentility it 11. deputive is the total probability

1) It sue depotise by first sigle

1. Exactly one algorithe in Ant suple

O myo dequality in mend suple

1, 11 mg 2 17001 20.35

1 11/ 50.75 C,50 P4 = 0.705

Of Early one dept niverest Pc = 951

> Exactly depolice P, - Po = 951 - 201 = P 1 = 246

ged Sigle

nz c30 pl. c.01 nz pl = 0.30 C; =0

7 otal P_{00} = $P_{1}(0) + P_{1}(0) \times P_{1}(0)$ = 0.785 + 0.24670.741 $P_{01} = 0.7872$

In a sigle soping plan N=100 n=21 C=1

AGL=0.005 LTFT: RELECTOR Determine proclume visk & Consum

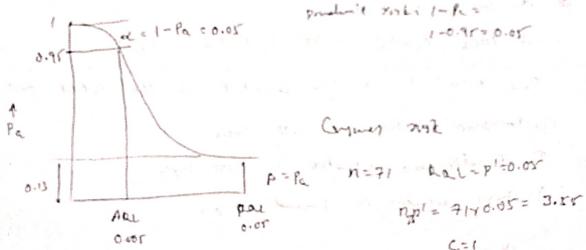
vist & stand or curve.

When n= 71 ARL= p': 0.005 C=1 (Mens 100 (m) dyalive)

Pa np'= 7140.005= 0.355

for np'= 0.355 1 c= 1

ho q tokep=0.95



Pe=0.1307 from 205/e Pa=13.07% Ceyme rak Final P(1) = 0.736-0.368-\$268)

No & dept = 4910 \$10 = 49

NOTO 3 NON depline = 4910-49 = 4851

nzp = 100 1/-1 5=0

Cz-o becare ci given in Qi combined result from fist 82td sple both

11 = n, + n2

P, (0) = 0.368

total probability of acceptan Pa= P,(0) + P,(1) x P2(0)

= 0.368+0.368x0.368

= 0.5038

N=500 N=120 C-2

0.0907 x

P. 1	10000	n	npl	Pa
0.10	1	120	1.2 "	0.87
12	2	1	2.4	0.50
13	2	1	3.4	0-30
, 4	4	- 1	4.8	0.14
. 6	5	(60	0.06
17	6	-	7.2	0.01
.8	F		9·6	0.010
.9	9		10.8	0.00)
• 1	10		12	0.001
				0.00012

1. 1 n(1) - n 714-n.360-b.760

A shipment of 2000 units is inspented if n=120 $P_1'=Ral=0.02$ $P_2'=Ral=2781=0.07$

Construct oc curve & fid out & & A

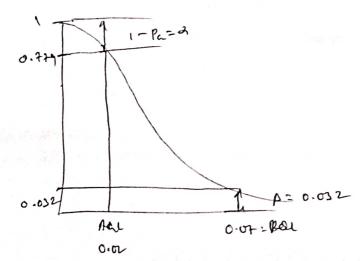
Schubud			
values & defatives	n p¹	Pc	
0.01	102	0.966	To fuel a
0.02	2.4	1779	
03	3.6	.5715	WLCT A
04	4.8	.294	
01,	6.0	.121	
OE	7.2	-072	
0 }	8.4	.032	5 1
UF	9.6	0.014	12
		,	

 $np^1 = 120 \times 0.02 = 1.2$

WET ARL=0.02 4 Pa=0.779 ... d=1-Pa = 1-0.779) d=0.221) = 22.14.

To Lid Com nok B

ROL-0.07 9 Pa= 0.032



1201M = 59