# ADEQUACY OF OFFICER FITNESS REPORTS 

BY<br>JOSEPH F, FOLEY

U. S. ifarue iosigraduat semeal
Annapolis, Md

Annapolis, Md.

## THE ADEQUACY OF CEFICTR FITNESS REPORTS

A study toward improving the present methods of evaluation of officer performance in the Navy

A Thesis<br>Presented in Pertial Fulfillment of the fequirements Sor the Degree Master of Science

Library
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Annapolis, Md.

By
JOSEPE F. FOLEY, B.Sc.

The Ohio Stete University
1950

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## TABLE OF COMTLITT:

CHAPTER PAGE
PART I

1. TILS PROBLLLM AMD ITS IUFORTANCE ..... 1
INED FOAZ A FOFMAL METVOD ..... 1
OBJLCTIVES OF RATITG ..... 2
TIIF VALUE OF MLRIT RATLIU TO THLE MAN. ..... 4
2. PLAII FOR TRTATMEIT OF TIT PRODLEM ..... 7
PART II
3. SOMI PSYCIOLOGICAI FACMORS BEAKING OIt TIIL PROBLEM. OF MESTIT EATING ..... 3
NATURE OF RATIMG ..... 0
SOLE DETMRIMANTS OF PRCEPTION. ..... 10
FORMATION OF BULINS AKD ARTITUDES. ..... 12
RETMNTION OF BLLITFS AND ATMITUDES. ..... 12
REOISTANCN: TO CHAHGY OF BLLILFS AHD AETIMUDES ..... 13
OTMIR FACTOAS IMWLJLACING OEUNCTIVITY. ..... 14
Effect of Length of Acqueintance. ..... 14
Relative Difficulty of Judesing Jifferont Treits. ..... 15
Generosity Error ..... 15
Error of Contral Tendency . ..... 16
Logical Error ..... 16
Halo ..... 17
Differences in Purpose of Reters. ..... 18
Differonces in Stendards ..... 19
SUTMARTM. ..... 20

## Tiamin * 43in

5215
nimina

PAPI IX
 ..... 20
 ..... 28
Scurtho tio Graphatc soalo. ..... 2.
Whe profize nothod ..... 84
Tho dixact osiculation mothod. ..... 25
 ..... 26
The melinne methol ..... 26
Types of ecozas ..... 27
 ..... 83
lienl for Control of eledatsuts ..... 30
fivertazos of uraplase somp ..... 31
Desedvantecom of Graphic scalo ..... 32
Pusiavo to obtain sjrasd of acoma ..... 32
2゙10 pao ..... 43
The provion of vallalty. ..... 35
 ..... 30
 ..... 30
 ..... 33
 ..... 40
Cunios J.I-m ..... 41
 ..... 43
 ..... 44
Plurax ratangs. ..... 14
Hevion of retwro. ..... 46

Hiz

204

## kerica

18 \%av



















D
4

A. . . . . . . . . . . .Natan realt

PR PT II(Conthuod)
W上 ATPROMCH. ..... 47
Humbla al prasen ..... 48
Hathermticni candicierationa. ..... 43
In favor of notheod nuaiver of trasea ..... 40
The cemeroy 1axyor number ..... 80
 ..... เ2
 ..... 0
howlm ratiry to ratoon ..... 8
" ho minule rata. ..... 63
Livy oticen tu rate ..... 50
luting bla rator ..... 57
 ..... 57
 ..... 88
fofoct of certain rever quavinlos. ..... 58
ubsatance of bacep Truintit Proumen ..... 60
Tile purpose of reting. ..... 63
Breory of nommal diatroduthon ..... Co
 ..... ©
tatarlixg of tanva ..... 63
Practice retiv: ..... 82
 ..... en
Primeipioa Apmilceule to jovicen ..... 0
SLan an ob:cotivity ..... 62
Rialo ..... 65























$\omega$
COM 2men(Continued)
Wormal nintribution ..... ES
"15nting af tralta ..... C4
i) Lspiny of cuaditios ..... E4
Cotiainations. ..... 63
Fraitr to be exolured. ..... C5
 ..... 63
Frinciploa Applicolle tu Vocoduro. ..... 66
Cutionerace mith stateo. ..... CO
Tho shunle reve. ..... cl
Hoy ofters to rete ..... 06
thevten of rntinas ..... 67
PWonting of noters. ..... 47
incing rators ..... 4
3. C륜N: ..... ce
Inpurtascos of certoria. ..... 0te
 ..... En
Critteris of Foliability ..... 66
 ..... 63
Critteria of validity ..... 75
Tyuscal czittorse or valility ..... 72
 ..... 73
 ..... 75
 ..... 76

リAn男 II（Corithimund）
 ..... B0
form jasiy Ravy \％ozas ..... 30
＊ukabguont iovaluphenta． ..... （6）
Tise Prenout Visvy Vaso ..... 31
 ..... US
 ..... 03
forte rnsiyus ai linvy r－atakes． ..... 64
 ..... 87
The Aray Matinc Forma． ..... 0.3
P゙yydeal ankoup nad uso． ..... 2
Tho forcod choice theory ..... 2
 ..... －3
SvalumEIo ..... 94．
The M1s Porco nejort． ..... 010
DaFcription and 世BE of brukiet ..... 63
The retinng sivet ..... 203
2valutit？ ..... 201
 ..... 204
Aㄴatyais． ..... 20
Sveluntion ..... 203
 ..... 1015

## 





















2

CTMPETK IKでず

## PAT：TIII

1．CURCLUSIORN．．．．．．．．．．．．．． 108

2．MJCOMAMMDADIOME • ．．．．．．．．．．． 112
First hocumieriation．．．．．．．．．． 112
Form ．．．．．．．．．．．．．． 113
Secomllocomendation ．．．．．．．．． 214
Thira Eecommendation．．．．．．．．．． 114
Pourth necommondation ．．．．．．．．I24
Subsiciary fecora erlations．．．．．．．． 115
Information to bolillcited．．．．．．．． 116
Significant areas of inforation．．．．．II7
specificity of Rating Devico ．．．．．．． 228
Informetion to be Lxeluder．．．．．．．． 120
Lengti and Complexity ．．．．．．．．． 120
Mactine processing ．．．．．．．．．． 122

BIBLIOGKiPILE • ．．．．．．．．．．．． 237


cEAPTA ..... PAGE
PAITI III(Continued)
APPGNDIX B. AN EARLY NAVY RATING PORO ..... 147
APP ..... 148
 ..... 151
APPENDIX S. ABEY RATINC PORM ..... 153
  ..... 156
APPBNDIX G. AIf FOACE RATIMG BH3E3 ..... 158
AFPGNDIX H. MARINS CORDS RKIING FOLT ..... 180
APPERNIX I. CLONGAMY OF TENMS ..... 162

4xrise



 toi a . . . . . . . . . . . Eitr ncink milis . 1 Luavi






## LIST OF FIOURES

## rico

page

1. A DIAGRA SHOWIN HO A PAESCRIBZD DISTRIBJTION AEPROXIMATES NORLAL DISTKISUTION . . . . . . 57
 Intenviat . . . . . . . . . . . . . . . . 54
2. PROCEDURE POR POST KKTINO INTEAVIEN . . . . . . 55
3. GRapgic prasexfacion of distaibuilon data

 OFFIGEA LFPICIENCY ABPDAT, FOR 67-1, ALL Ginadzs . . . . . . . . . . . . . . . . 96

 TELD GRADE 97

 COMPARY ORADE

## 

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 th . . . .................. हatwerz.











## 2A解 I

## INETODUCTION

## Chapter 1

## TII FROIIMM A*D ITM IMPOMRAMC.

The problem of rating or junetro one's suboridnates 1* as old as Orgnaimation 1tavif. Many writers hevt btressm od tis point that judging the ottoloyees under hin in un 2 intogral pert of the jos of the supervisor. May erfuod thet conscionaly or not, the supervisor rates his men wheneser called uyon ts choom betwean then fur special assignacnts, specisi aweria, promotions, or youtuctions in 2
force. Jucius conaiders tuat thn metim, of omployoos 1s 0ne of the olfest ans most unsvoral practices of manace-
 leaders dic not julto the relative value of emy loyees. 3 IIffin amphasizod that though tho torm "mexit rating" (service ratind) is of recest origin, tan juticing of emyloyend by thas aupervisors is not.

## MELD FOR PORMAL MJMOOD

If many miters kave arreed tint sorvice zating connot we dispensed witi, an equal mumber are in conaonance - to the nood for a formsl mothot of makine ant recorim 4
1ng these judgomenta. Kerulo proclamod the the semvice rating device protects tise emplogeo froc "mannoriel capriclousness ${ }^{\text {" }}$ in the deteraination of 010 service standing.

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White taught that one of the purpones of the formal efficiency ratine is "to protect employeos ageinst ti.e mmp Jusgerante, prejulice, end 112 will of some suyervisors". c Tiffin feels that the emorience of the formal pating syatem hes "Involved ti:e transfor of ratings from hayhazard, random, antifrequently irvegyonsible julgonente of supsrvisorn male perhape during the beat of a quarrel, to ratinga made calmy, Collvoretely, syatematically....". In adation to tials need for mindizing the sfects on the ratince of 7 the frailties of the rator, Jucius beos further velue in the formal recorded ratinc, in providing a mense for preBorving a masuro of an employeo's bortis so that oven in a large industr, the treatment recosved ly ail ongloyeos and the opportunities openea to thea w111 be consistent throughout the organization.

## OBJECTVAS OP MATIMG

 The objectivo of rating are manifold. Principally, of course, the purpose in to secura a recorded jui oisent of the eaployee'n value to the organization. Dut underiyine this and oivins it direction and wutive, spe many spocirfc ains. Mention has weon wele of tio utillt: of rating in afforling a uesis for cholce botwaen one's subordinstes for apecini sesigrianta, special avaris, prometiuas, nad pedacthons in force. Less obvious bat no less importent, is the 8 ung suyested by Yoder, of ratin; an eriterin for ovalu-















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eting the effectiveness of other personnal prectices. Tifrin ${ }^{0}$, Picors nno kors ${ }^{10}$, and Nother and Kingsley ${ }^{12}$ melle wheh the geme polat when thoy listed rasings ns a source of Information on which to bans prograwe for exployeo inprovemant, trainine, and levelopment. Assuciated nith this is the use of the data fros ratinas en a fumiation and Eulde for studies to haprove screeatmen andection jrocodures. Purther, operation of E pood ratian plan rosulta in improvement of the supervisor, ns mentioned by botk T1P1in ${ }^{12}$ and Juclua ${ }^{13}$, end therefore such ingrovement may be considered as ane of the purposes of the protrmen. Not specifically mentioned in the ifterature is the uso of the sorvice retine as an instrument to ald in the fostering of geod alseipline and mopale. Nuch good work snd zany zinor deficiencies aro not deserving of special oction other then as reflected in the narking of the service rating blank. Fet good work sust be rewarded and browith to the attention of the amployee ond mana ement, anf the servico retine providea a means of dolng thin. Though the offect on tho employen mat be vitisted aomembet hy the fact that the paychoiogicaliy sound princtiple of the "irmodiacy of tho romard" is violated, tho dopenlenco on the service rating as som of roward is fustified on pratravic errounda.



















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The cunsideration wiich serve to realer wervice satIng: so valusble to large ludustrien erverfoctivo to miz over Eroater segree in tivo personnel nbinistretion of the Naval somvice. mirvoo conlitions opernte to maico tiln true. Mrest, there is the fact of sioer numbung. Fan ofiscer corys of the fecuzay layy is cumyosed of $43,0 x 9$ Indzvifunls ${ }^{24}$ whils the ofilicars of the Havml ilesarve total uy to * much 2ager Plena. Socond, the problem powach by ize la Gompilaetea by the twis factora of wile diapergion over Inrge arees of the arth, and nomility within nind beyond thosenreas. In fact, it is gnfo to any thmt llaval units are ilvely to be found anywieres axcent poselindy beisind the "Iron Curtasn", tiso currontly yopulas tameros the boundery between fiussien dowineted territory and the rest
 t1es aze not limltod to tian probles of sime and ubiquity. An over mose aevero strein is jlaced an alminiatration ducint periois of rbpli expansion in ti=os of National Hasrecncy ant during the procesb of cowodilization witat the emoriconc. has pheabd. PLW final authority for ell niministrative action zocossarily contrelizea in the Mavy

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istrative actions, of the qualitics of aven \& axali mumer of tho orfjcerg of tise Mavk is luyosalione

The Tavy ibipartumb recognizes tae importance of serm vioe petina, ofilineas reportis. Amplo evicionce of tuis is contrined in the following passace fron Havy hemulations. is

Articio 2701. Mitnesa foports ans focords of Orficers.

1. The fitmese of an ofilcer for the service, with respect to proaction and msulenment to dut.j, 1s daterminad by his recurd, lleperts of iltman aro decisivo in the service chreer of tan indiviJual ofPicar, enf have an important influence on the ofilciency of the entlre aservice
 310 A (iov $6-45$ ), is Intended to $\$ 111$ the noed for marit rntint in the orvice, but unfurtumstely it is o partisl Frilurg. Fixnt of ell, it 1. subjoct to signilicent abBervar ermora, like most rating dovices ani, diampposintingly, 1ta dealgn omita several foctures wlich muthorition conaider vill eizminato om veluce suct erross. In addition, its makoup docs not provide for tie uso of tive Intest techniques
 portent meukneas in view of tion ruminj importance of maritus afficiency inalicit ins the concept of reaninesm for
 are not Latuorious to preprare, mry corsidermalo stoty of ayen (a) noternte number of them, tuch the auzt bo porcormed then masinus soioctiuns fox promotion on spocial asaicnaonts, or

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for eveluating othen persomaed procecures, is inofriciont Ens timb conousina uruer paesent coniltions.
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The dasign ant two of acroice ractnga ta task in
 obstacle hes veen the difficuity of elimanktind or controlAng the "human orror" or bias of the rater. This pupar will, therefure, 0xamine pethor thorohybly the paycholorical factors unaring on tio question then effort to show the nature and oxtant of thia "human error" ent perhaps assidt the render 1 th stinluj insight Intu tho problem.

Huch vnluable researcl has beon ank is weing parformo ed in tise fiola of Bexvico ivating design on! use, wnt a Eyent doal ewn bo loorned from a review of tise ropurtod rewulta. Consequently, a chapter 111 be devotelt to the descinption ant iswcussion of tran rom i=pontant tyjos of Feting levicos and sating procelurea $\mathbb{I n}$ ume. This AlaChasion will Lacluie moiching of tise rolutivo adrantises and dibatvantoisez of the severnl fevices anus symbas and considemetion of tho various error-prolucims pmyehologecal faccors wish tio measures dowcotood ano desipnod to rombet. Pros t.is trontmont n besy of mbent rametices" Fil1 be atamomiod.
 eral neme of "hmaed Forces", eee, use aiffaront typo of officorts sorvico retim, sxid onc: Bevico hns 1ts good aud

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its bas polnts. These rillese service rating will bo deBeribed, enalyzed, and juiged, in tho It ht of twe aforementloned "best practicos" Rat, based on this gesessment, as well sa on the "bost practicos", a plan for a new Laproved officer's fitness report form will be propesed for eloption by tho llayy. 30 actual yost of construction of the dovice will be atterptod, wa such is beyond the scope of this thesia. As has been atated, much reserver has been done in tials field. In the roviow of the reported reasite of that research, orodit will ve efven to tho aclentiate whose manteriel is quoted or referred to sherever possile. It is Cosirod, in addition, to ako spocific sention here of tho wosk of Grsat Whariden Fase and of Veyne Glimer Sampes. In 1047, Kri. Baze zubmitted a gastor's thenis to the Greduate school of The ohio state Univarsit entitied $\triangle$ Ratin Seale for Marine Mon-Conalasioned officore of the
 - saster's thesis to two seme autherity antitled $\leq \frac{104 t y}{\text { of }}$ Merit ihatink Met.jote Sor Proressional Laployeon. wech writer developed a motrog senle waich be rocomenten for the purpose atated in the titlo of wis thersa. Althoum tho gonerol type of sealo profuced by both Mr. Sezo and Irr. Smanylo (tho eraphic ratine seale) could wo used an a laval officort officiencj retinus, the particular sialua He-
 -111 not ve discassed further.


























## PAVI II <br> Chapter 1

# BOHE PEYCHOLOOICAL BACMOLS ENARTEO ON  

NATURE OF TMACIRO
Horotofore in this theis, servico metneck hea heon doserivad as the Juselne of tho ratee's worth to his oryankzation. lieliance is placod on juicomantie in chis important field of massumemant bocauan of Inck of better methot. To paraphaso Yodes. it may be baid thot many human qualities sucia as Leadership, initiative, persiatence, self-control, and otwore are lmportant to pocaitonal succesa but oisjective moasures of such choracreaisticis fo not extst.

These judements are peached as nemult of tilu metar's oiservation ar perception of tise typleal poriormance, or the characterlatic actiont or belaviora of the ratee. It has been amif that, "Wowhowe ou much as $2 n$ juitine people is

 Fnalvidunl's aenction to ine anvisonment. In tluts stajnes has doffred porsomality ns the integral of en inisvilumio ciarnctoriatic responses. It in evilent, Eramefure, that the service ratinc, in aEsesaliz\% the typicai perioztamies of
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peruunslity is a complox antity; June hov complex 1es refvaled In the Inndnay of Allport and odtort ${ }^{4}$ thet there are
 behevior of one perabn as hatantuished from onutuer. l.ven whon allowance is mado for overlap 2.0 mening samag the se vorts, tho what of differences in betavior zroviled for rem mains vasy groet inteed.

Due to the Intorrolation betwoen a man's percoutions \&ud lis beliofs wal attitulas, which $v 111$ be liscuased moro ruily below, tho sepvice ratin. is mure hikn a recurd of permonality as perceived. wnuer out systeas, incktrleaviy



The volue of a foranl rating syates has boen liscussod. Huch ayates will require the ratwr to deacrive
 signed forat wil provido bidnnce nac ensistance to the ruter La $: 1$ striving for oujectivity el Toll as eplaco to recomilits juacenwnts. Pulior apprecistion of the vcuteness
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by factora within kia anct that sanny of theas interior influonces are theaselves the proluct of the Lndividual's prior perception and learning. An example of tine theory as well as a ciue to the neture of some of tho interior moditices moy bo found in the following quotations:

How we porcepve the woris is a profuot of momory, Lmatination, hoarsay, and rantamy nu well as whst we are nctuelly "percelvimg" throu, ha our sensee. 5

Deta sre perceived and interpretad in temas of tho incividuel porceiver's uwn needn, own emotions, own porsonelity own previunsly foymod cognitive pettomns. 6

The ribcior oll ramilly see the timuth in the rome coinz anc can periaps recall actuml instances in which porm tions of it bevo been borme out by experianca. In midition there hat been much oxperimental prooi. However, only few of the wore importont experiments can be citod here hoceuse of mpace Ilriltations.

It was mentioned that Imegination, omotlong, and "previousiy sozmed cognitivo pntterns" (belief" and ettitudes) affect percoption. Surray ${ }^{7}$ Pound this vorme out in inis axm periment in which eroup of eizin perceived maliciousmen to E breataz extent in an's pictured foce aftar they had playot a ghwo of "murior". Loubn and Lucos ${ }^{0}$ found similmmig
 of : a ools in the people in picturess shown to tia. Another Lavestigntor, Heiler, roponted thet a purswa mey We thuk,ht guilty of a crlae, bocuuse ho "looks as if he could havo

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 Anhomitilicm foulavies oNy





[^0]conmittad chis erimen or voceuse he hos the disposition to do tuch e thing . In flru.11y E1112E 10 dexomstratod that poople tand to fall to see the mathicer corzetted uy peoplo they Ilku wililo at tive weme time atlzilutinj nistares, Fithout Justification, to persons they dinliko.

## 

Another aapect of tho pelation betwaen perception and beliofs ant ottitules la to bo found in tho 10170 mlng passeme rrow Krech ans Crutchifela: 11

> A belier (ant an ettitule s.so $)^{12}$ is a pettoxn of moaningin of thirsti... It 13 a product of originai purcertions, of the reorgenimation those percoptions have undercone, of the comnitions croatod by such rooxctuization, otc.

That is to say, not only is percoption influenced by beliera and attitudea but they aro 10 tusn dopeadent on percoption for tho ren materiala rrou mhich thoy aro mado.

## 

ribet abuth the effect of tho passens on ilea on beeIfera ans attituieat It fa senoxelly umforstool tinat thero
 thet what one krow and bellevoz changea with the pessute of than but acted the omluchl thoughen that the apect of time appears ". . oint oniy in errosa of owleston but rre-

 In马 the lamiango of trech and Crutchirseld, Dre may add to the

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foregoint the process of "solactive foreotting".
Clearcut expertmental comonstration of "errors of comiseson ${ }^{n}$ may bo foum in Bnrtlettis ${ }^{14}$ experiment in which has subjocts, when required to retoll an unusual and sonewhe arbicuous story, tented to chate the unfemiliar content into rave femilar morinl. "gelective forgetting" was rocorted by Levine mad Wurytay ${ }^{15}$ mon they found thet their anti-cuamuist subjocts remazbered anti-Comanist motorinl botter while the pro-Comunist subjects retalnod proComanist matorial more completely. The same stuly also dersonstrated the influence which one's ettitudes have on porception, for tho aubjects lenrned poomiy that materiel on Gownutso whicla wes at varience with thotr viewa.

## 

Though there is a tomency for beliers and attitudes to chenge with time, there is a concurrent tonaoncy for them to reasst chanjo. This may bo thuught of as a reniatance towam oxterns influences which wicht couse chenis. Such a phonomenon is to be oxpected in the if che of the finatics of Levine ent Murphy sirealy mentioned for there, tho informetion which was contrasictory to the views of tho subjocts
 beliofa and ettitules heve "self-protectlve aovicos"16 and that they mot oniy twist and rarp juts ond thub meintain theraselves but creato now tata $f u r$ sulif-incorporation mad thue grow in intensity. 17














## 













[^1]
## OFMIR PACHORS IMFLJTACIM: OLJ COIYIEX <br> -Ifoct of Length of hequaintrnce

It is obvious that the rater's juisoment of the ratoe 1s of little value unless the fomer indivilunl has boon acquainted with the latter one sufficiently lona. Yot, an wamed by Eurtt, 18 there comes a time when, as the length of the acqualntance increases, the accurecy of the ratinge decrerses. Burtt aecribes this phenowenou tof, (I) the netural roluctance of tho supervisor to laply that ifs subordinate has not inproved under his leadershtp, and, (2) the efunlls naturel tondoncy of the supervisor to identiry himeelf with the olaor subordinates who aro more norriy like him in ago and exporionce. Stockford and sisselilo founs zathomatical proof of these tondencios and comented, "...the Longor one uns known another, the more acceptable becomoa the other's persomality."

Another espect of sccuaintence affecting the accurncy of julgements is that doterainad by the conifitions under whioh the equaintence was wede enl seintoined. A sugerVisor's attitude towarl a suborlintte who be knoms only on the jut is likely to we quite alfforent froa his focinn:a toward one with whom ho associntes whilo off dutz. Expori-
 deLenstration, already mentionod on pane in, of how peotie tond to overlook niatekes the by pereona thom they like.

## 105

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## 'oncliledhobl la wumbe De teita













 forzlwot







 silfi 104 x

> Thalatvo Dercioulqy of Judinug pircorent minita

It has been found that ratars can juiso somo traits more roliably than othera. Inis phonomonon lay be attributed to factore inherent in both the ratera end tho qualities
 cultural beckerounds, may be uncortein na to the exact meaninge of the tomas ueod on tho ratins forms, or thay may bo Cubtrul as to just what ovort behrvior ingicatos the prosence of eiven treit. hen cunslderine the traltw, one finis thet those binch ast timple ant loss cuapleng end Lhose viuch canse bohavior culuinntiaj in tangiule resuits,
 fstics, 0 : those mich leave Ilttle concrete evidonee of their osistenco. Stociciors and 131 ssull wesorted, for instance, that "depeadability" azd "quallty of worto" were wove reliably juled than "mosale" and "cooperation". 20 Those mosults support earlior similar findincs of Ilolling 0rth. 21 A fur thor ilfefculty attributable to tho traita thomselvos is touched upon by :tagme: In tho words, "Things which have the smmo name are not necesmmily the smac o. J., couraco in iacins a wils animal is not tho same as cuure;e in facint, aivorse pulilc opinion."22

Gensrosity krror
Thon it comes to describing theivicliow men, human boings are ossontially innu. :19sone3 fown this in connec-

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tion with the Easeazoh Inciluent to tia lowina of lio perment
 MThuijh not a wecessity of tis logic ilvolvod, thane lems whicin tand to be used woet diten, 1.0., aze bonerally yura-
 fayorable itoms-mico e..ings to any." Cronisach mamed this tandency "gowerosity exros" nas adder!; "It is comon/to fima 60 to 60 percent of an unselected Croup rated 'awovo averuce' because of tha urize to myoat favoranly if possibla. 24

## lreror of Contral Tondency

Helatod to sanerosity orroz is the tanduncy of the rate $2^{\circ}$ to mariz a patoe about whou lo has insufficient intorma ELon "averace" or near "avarage" rather thar, comesa hia lack of knowledse. Guilford 25 named this phenomonon the "omror of central tandency". Unquestionably, when forceat to chese na to tho quazsications of au indiviluml, one will enjoy the gronteat probauility of woside correet if he ruesses that the ratee is avera;o. But service rotinge slucula be ungod on abserva: $10 n$ nnd judcoment ant \&uessin is out of pleco.

## Locical Fruor

Hany reters will rodson thrt fecalase the ratoe oxhlbita certain trast to some degree, he aleu posaceso cortin otrer traftu to = aimilar socroe. To thoin way of thankinc, all of that pseticalon eroug of tialts axo moelly


## 02











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## monal 2 ent pat









 afuiy previouely aentioner, Liat the relative proxility of cortain traits cu the scalo will have on itiluerne similas in offect to 20 ificel errur. In other words, the Julgetant
 monta mach on adjacent tmpts. The Autions stoted that "....tise diffarences in tho inter-correlatlons between ratincs of the same traita varied 1 rom +.01 to +.26 deponding dinoet1y upon tho chamg irs proxiaity of the traite rion one serie to another...... 27

1820
Closely related to logicel orroz ir. Its caume is tho "haion effoct. It leade tho ronte: to ansune that voceume Ma Cesmanal impression of the retoe is good (or ved), the ratoe' showing in all, or En arejurity, of the traits on the 2ntime scale 1a good (oz bal). Talo 1s cemerally deploroc by anthor-
 Od in the noxt chopter, much dealgn exfort lans boon expended on tho probleal of how to prevont or minimize it. The amcepm tion mofermod to bove is Talter v. Binghan wio reola that, to some extont, a lalo efrect is acceptable tar proper, inceec inevitsobla. In support of this beliof ho wrute, 20
rI




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## $\tan +\frac{1+2}{4}+$

## AEAl














Nifisarences in Fumoses on Raters
It 2 s gersaraly acrend thet praise ia mome offoctive tian repropi lin most situations. Definitoly crestor motivan tion resuited Erom jowiwn atang whool children in am 6xpariment reported by Muriock. 28 copkisticatol patorw aco aro of this whonomenvia and, whloss thet guarol acalngt it, they may ailow thia innowledjo to inmquence thelr rating to the -rtemt that they efre highor marks than aro deservod cas the bssis of performanco. Sone mey even go so for as dallborateIJ to Give inamer maviking in the oxpectation thet guch majong * 111 apur the retoe to pretter efisort. The rater torid do-
 uy to" and would seek to justify it on the ground that he was


The effecta of frutiretiun heve beva lewnsatrated experinentaly and well roported. The indivisunl, subjected to friztrating circunatances inas the choice of rosorting to Qither ciaytive or malaclaptve bohovior. Desimable forms of araptive behevioz which are mont 11 kol y to bo enoountered in the


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& \text {, لu } 1
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offort and reorgendaetion of one's perception of the probles. Halacuptive bohavior in tho rating situation probnbly would include such adjustants as actression, regression, withdraral, ona rationalzation.

Many raters, oven those lacking in formal psychological education, aro comizant of the posaisle renults of frustretion, at least to the extent that they recosniso that, though frustration my canse increased offort, it may causo Instead, withdrawal or quitilnc, ilealization of this may lead a rater to leaiency in ratin\% vecuase of a desire, or preference, for reljing on the kromn good effects of preise rether then risking tien induction or the sieleantsvo response of withcrawal by injosing tha frustratimy exporience of a low reting.

## Difforericos is standarda

It has been sald thet "Individusis तlefer with respect to elsost any hwan ettribute vo sire to meesurs."30 private standaras of emperison aro a perashal attrlbute, coajonent of personality, and, therefore, will be foma to differ from one indivijuel to the next. Like other personality fectors, atandards of comparison are a protuct of the indivioual's innete characteristics and all the countiess influmbes of his onvironment. The inportnnce here of Jifferences in privete standeris of comperison lies in their influence on the pator's julgomonts. Varletions in the stanirnd of conparison obviously $w 11$ wo roilected in veriations in reanurements.

## et

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## abtalaipe ai manemby













Suramer
Wo have seen that the sorvice ratins process is an attempt to measure an abpact or persunelity. It cioes this by having the rater ondoavor to doscribe an! recon! hia perception of the ratee. The point was mede that perception is likely to bo particularly blased whon jucting poonle. InGuchag tila blas nee such powerful paychological snfluences se the perceiver's monory, Faginetion, e=otions, belierk, and attitudea. The interzelntion betwoen thespoctors and porception wat discussed with emphasis on the process in whici, (1) bollef's and attitules, fomed, as they are, from biened perception, ave retained and furthez biased by soloctise and crentive forgeting and, (2) subsequent perception is rentered furtier biased and selective with the result the beilefa and attitudes read to erow in strength. Purther discussion descrived hom innccurncy in service ratin, con come fron loms or frionily acqueintance betveen rater and retoo, variations in the africulty or julbins aifieront treits, the innte desire of most man to speai well of othors, 41fforences amone ratorn in the rosults they hope to nchiove with rethins, and diffurences azont ratere in atanierols of comparisuns.

This is the motorlal snil theae aro the conditions
 Leviees and procestures must work. He is attempins to messure that which is difficalt to derino asi which, in the






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jresent ataso of dovalopment of the science, chn to measured in no other vey. No is ueine as nents, erentures hose perm
 diffan. hnd finally, he is measurimj ncunst differime standeris.

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 (1)



## PA1留 II

## Chaptor 2

## DEVICE: AND PHOCL BHE I* NE.fVICK TA ZKHB

In the quent for solution to the difficult ressumomont problem diacussed in the preceding chnpter, many difforont retine forms and procedures heve boen triod oat. Nowever, they are all almiler in thet onch is oseontially mona of obtaining aritter description of the matee in terms of traits or boheviors presured to be lndicetive of the presence of those traits.

## G:ATBIC RATTMG 天CALTA

The nost wilely usod Fntimg fons is the eraphic rating scole. In its simplost fors the stown in eppualix A, it conelats of a llst of trifs with stiort lines or greduated scalos opposite each trast. One ons of ench trait benio ropresents possocsion of thet tralt to a maximuan degree willo the opposito end corresponds to olifinus degreo of ponacsion. The form in uned in reting by "checking", or othervise merkint, a point somowhore along oach traft scele which is judced to Indicato the degree to w.ich the raten possesses the coratsponling trait. this builas up a deseription of the retee in terman of the treits marked.

As atated in the foregolng, tho ond of the trait
scale reproment maximian and mininua zossessiun reepectivoly of the indicated traiti. But most gremic rating fomes go

## 4

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## 4 mions <br> - vinnamial atrat wivn lution






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GO further than tiss. It is comon gractice to provide guliance for the rater in uia cionco of the spot to be chocked on ench trait suale. Varying decrees of peaneasion of the traits are indicnted oy nistributiag labela nlone the trait acries. The number of labela le usually three or rive but it ana be moro or loss than this.

Symonds ${ }^{2}$, \#ritias in 2084 , reported that tho more mature onl interentod jussos, when the trait wea a vell defineit une such as "neatmess", coula profitably use a serie of seven class intervis, Fhorous, when tho trole way a vagun one buch of "tact", or when the julgoo were lensture or lecked interest, only five or fow clase intervals could De ciensiy distinguiaked. Eymonls appronched tho quastion from the stampolnt of employing the namber of class intwro vals which would provile naximum relisiblity by rouson of
 Flang the sundo beyon the point where those poeera would conse to bo offective. Ho accopted as yormisajble a losz of rellablity of $1.000 \%$ the to conrseness of the seale. From calculetions based on tris, he conclubed that "In constructing acries for reting traita of personality the optimatambor of class intervala is 7."2 Guilerat ${ }^{3}$ decinved thet the optimun number of acalo diviaiona is fivo, while a moro recent dizcuanion by haseolli and Erown offered tho comant, "rive beut thut can le dune ia to Hacover empiriculiy tise optimal numoer of stops for wech scals. ${ }^{4}$


























[^2]The syace on the tront scnien tuetwonn Incols they bo Braductor to pezuit Einer inotinction votwean ratoos. Bowavor, tha value of theos smallez subllvisiona of tho ale Is AByroceted by many for tho same reanana civen anove fur not unine tos why ciass fintorvals.

The Inbola haed may bo merely evoluntive tomat auch as "excelient", "Eoout", sud "faix", but than preferper procm tice is to eryioy desorintivo phingoe Finicis dectime vint is oxcalient, and what is soi, ond what is only cair. minia con-
 were fully later, thot better resulta s me obtringa on miting
 ๑valuetive towng.

> compo the Uraphle scale
fcusing of the anrkinge on tho eraphic aonle ja uaxul1y the reapunsibility of tio eentra personmel afency. It 2ay be accaryliahoc in nay of severnl wala, tion ost common 0f Which Nill bo referied to as, the profile tethen, the diroct calcultthon methos, the araztio-cusputatin methon, Esid the macisine nethot.

The provile mathot. 5 In thas yian the marninus rove con-
 the points ciocked on each trat meaze ar by cunetmoting a Qimiler ileum on gpecially prop xed profile 3ncot. uch eraphic prosentation of the indivisual cores of eil sto dou-


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 2. 2






uals may be ranked 1 an accorameo uith tha Gogroe with wifich their profiles apjrouch the standard.
 an incividual for a position for which the nost setisfactury profile has becr deternined. However, their use nould not be practicabie whon compering the matheg of large numer of Individuals, or wiser any of a nuber of profiles would be sat1afactory Eor tae jot, $\varepsilon 6$ wou2h probobls we the situetion in the rating of Naval ofricora. The writer knows of only ome atteapt to detomino the anat satimfactory profilo or profiles for liaval officors. It is belug ofcried on An comection vith the lousership stuales teing conducted by two Ohto thte durversity under contrect witis tho departnent of the Rovy. Thuso etulies olll be diucuesed in their bouring on "ciniteris" in the aext chapter.

The direct calculetion method. lating aystons using
 spece for compurntion suy souiacton firectiy on the rating blenk. It is a little used plan, fonever, becoune nost rating procectures invoive acomito is o cantral office thera the coule saluen and scorlat keys cen o convenientis fumieted eepertely, thus stenlifying sthe refuctig the coet of the petite blanks. Ln adiltionsi consileretion is the desirabiaLty of cmittina fron the ratimo blazke any indications of the relstice valuss of the inalvilual tralth to avati the potaiDility of their Influencing the reter.

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[^3]

 or othay suitavie taita. Thaag lialvicunz treit sconos are

 1t in which gtoncila nid zn plokive off tho acole velwes.

Thas acomin, wetinge it large numbese, tanual rou-

 \$avy.

 Convometion's scorirs mochinfo Le not undy cillcis ant aceurato, but alao econonlemy. In ozedor that this gyotem may is haoh,

 If tio shenta more throuch the mactinu at ily reto of Ebout

 tho porcil aisine. Theme Impulsos setuato the scorina and tabulating techenians of the nacisue whick prodice the sought after scores. The spociul scorlug nheet way wo soparmee from the rating Ulenk or, es its the cano of tho fomy'a now racine
 of papar. ${ }^{7}$









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xypers of costa
The Dverall rav deores obtuined by any of the foroo

 De transisted into Letter scures stich as $A, 0, C, D$, LH, - Ce. Otrer pusibilition wre percentile scopes, wtnniam or


 satly attaluasle is motime is but officlunt to bive wanang



 tay to oxplatis why onn man is rotod ses will nototam 240 on - sacile coverinu\% a rantio of swo.











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difforence if rating than the shan difforowe in poreentilo
 undernsoot by the person wio is not frallaz intr tho selence
 ue between tive eiflle of the diacributios ent the enth. Further, all z geores are rully emperablo -ith each other and they have edded utilety in that they ona be avernged.

## Heqehting oi craite

It La obvious that sone ganiftios oro wore faportont to anccese in any pertioulas jow than ara otnerg. Zeobuse of this it is uranlly desireide to apt a myatne of scoring
 "eount more" in tio overnil seart than theon on the lees in-


 greator than unity.

The magnitudns of these mulipliery aro tatertelno by

 quested separataly to exalin what they oonsider to tee the propar weights ithin a preseribed rang of veluct The mediens of wach fuleunentw, notably "rounded of $f^{n}$ to the neenest integral velue, weome the official scuriag wol, hta. Merble doncribed tive ute on tiv procedure in en sctual de-

## 08








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$+$
















siun infuation. 10 Anotior eonvendent sotho? Livolvon heseng

 Fired, besod on the irecuoney vits mach ench tralt is men-


 apyorent that wheneh or the thareo foreculich pratedurou, ansharaest of welatite is bweed wn the "rece valiasty" of the ErKits woiry conazlered.
 wolghts bneed on the relisblilty with which the traita ney ze Jimper, 15 that 4 , this extent of comenrrence botwoen two Juagos in entimating the some trwit of the fogree or acreemont uetween sucensive oncimsten or ithe mase trale by the
 alvors a nesvy winht on the assumption that, afnco it ta difficult ta detemane velisity, it is better so dend with
 sare clowoly smung tapselva on sume traite thea on othaza, the fomar mhand the sivar, wore nel, he nut wemuce flaly ro16to mare clonely to prorkciancy ua bito jobich nut beermen
 the aner roliable trales.

The writer gheotions tiom destrevility of usakoning


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 mequy er
the rellabllity of the rotime lovice, but, althoayh valifity is dependent upon relinoilits, henvily meightin, an uniaportent tmit seems likely to undernine rethax that bolater the total velldity of the ratin. Conaidar a hypotheticel extreme altuetion in which a trait which can be estionted with ereat rellability (for instance, pith a coerficiont of relisbillty of +.95 ) but which hat absolutely no reletion to proflelencs on tio job, ham woen included on the mating forsh. That possible value hes it, Bo mattor when. welght is assicned?

## Hoed for contrul of molshting

Unioss spectel procsutiuns hre taken, the dirferent tralte may become woi-hted in a mames not intended. "If you are not conaifering the veribulifty of tise ratings on each trait," prote Tifrin and Husser, "tio tralt of lasst Laportant actually may be recoiving the heaviest wol kt... ... Then combining acores-- ragardiess of tha nature of themthey welght themeolves autonsticelly in proportiun to their respective variabilities-- stunierd devistions."13 fiprin ${ }^{14}$ subsectuontly diacussed ttin penumbnon mote fully and geve exemples ghowing how the standard deviation arfects the weichting, oven to the extent thet a ompletely insccumate overell rating nay result.

The authors ${ }^{15}$ reconetene cuntrol of wesilitin; bi trensforming treit raw scores into z scores (standar. suovos) which, as thay exilain, mey be multiplied bo the welglite nithout fear finscuracy resultins. These solghte z scores toy then be

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totaled for each indivisuad to obtsin his overali ataninnd $\operatorname{scose}$ ．

A simpler dovice for correctine ecores en thereby controlling roikhtints var suscested by Guilrord ${ }^{26}$ in the form or scosing stercil with divisione symeod uneveriv．the npac－ 1r．would be besod on the difforbnce botweon a normal 11aじュー bution and the wovac of the notund distributions of tho acoros．

> Advantrgea of Graptic cale

Tho chief suvancage of the grwphic retine scale may bo Uriefly atatodmo follows．P1Fat，it liata all of the trafto Which are lmportant to tho jow ani theredy insurea considara－ tion of bech．Second，it is eanily underatood by ratezis and ratee alike．Third，if it is rut too lomstisy，it may wo f121－ ed out onf used without an excessive expeniftuae of time and oneray．Fourth，it is rolatively easy to scoro by thand and in easily ainptable to machins scoring．Am fitth，it provides a apecific picture of the retce＇s strong atol woak pointe which Is usetiul to the zntoo wal to monagement，as has aleody beon

Disanvantrce@ of Graphic ceale

The graphic scale，though extonsivoly wad becaube of Its izportent arventecos lisiod abore，is subject to nearly all the orrows of e：rycological onisin thot are 11 koly to occur．

Pellure to obtain smpenc of acozea．The most roalliz observed shortconiag is tive fillure of the watera to produce

## Es

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> etes stingat in weartangla
















a suread of rating scores. That is to any, they fall to obrtain enything approximetinj $n$ momil dtstribution an scores. Thomake wrote, "...ticn variations in any aingle trait are usually contimous. ...the veriatiuna lisually citutor apound ono sinl only ono typo. $\mathrm{B}^{17}$ Ho was reforriny to, (1) the fact that soat poople s 211 shav a trait or a guality to on avorace decree or very nearly ao, while a fat other poonle w112 wo ajove or below average, end oniy a very fen will bo greatiy abova or belo avarnge and, (2) there are no staps or olages sut ratise, s continuua in the istribution. The mattocaticol axpresaion of this diatribution is tive Jausian "boll blasped" curve. ; throufh treatment or the cisarecteristice of tills curve may bo found in Adkins ${ }^{18}$ or any stenderd statistical text. Paycholoücal literature ia meplete with furtier discussion ond accounts of oxpertmontel denonet tations in support of tho noman diatribution theory. Sfasienly, most iscoursed on sosvice sating devices and procelures advence the viow that properis mado servico ratiny scopes $\mathbf{w i l l}$ ratier closely agproximeto a nommi distribution.

An intorestiad excention to the unaminty decorlued above moy bo found in the digcuasion of sarcie rathene by Hooher and Kingaley. 18 These writera foel that tinn wo celled " 7 eurve" type of distribution is to bo oxpectec for merit rutins ocores and, soreovor, is quite propor. Theire ercuments are besed on claims thet ti.e zellaviurg recorded are inatitutlonel belseviors end the populatiun dealt with is a selacted








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ono.
In saying thet there 12 s fBllu: to proiuce o spread of acorea, roference is mete to the tendency of retar. to mait all mitees high. Thas tonjercy results in s akewed dam tribution which, if so follow the consonsus of paycholosical opinion, disegrees with reality and maken necessery syecial procedures to provent uncontrolled wolghting, at wes montioned oariler.

Tho prouler of ralinulilty. The very to:* of tho cute philo mating blomis tonda to incraere the rolinbility of the reting. By regulwing tho separbto conalderntion of each trait, the tenlency to mite on the basis of a recent ovent, sin tetiture, n preconceived motion, or halo, 1 m minisined to avece extent. It is Eenerrily ogrood thot tho rosintanco of tho eraphic fora to halo ofroct moy bo increased by arranilns the incividurl trait acalen so thet tho favomble Iniona aitarm nete irrozulardy rran the richt to tho left entio of the scolen. Juciua 20 recommerdea also olinination of ald eraluations inoss the treit acelea (lobving only the labola) ari avacima those Labola unevenly. The mo mensuros wila fofet the rater to mend the intela on each incivibui trait scale nisu, it in rogsonod, consider each tralt more carafully before mariting. Durttil


 mould regulre a separate thcet for anch raten for acci trast.























The obvioun objoction to sucis a plan fa fts cumborsonenena.
Ancther practice mica bill irlag the reter to wore ehoughtrui conelderation of tha rating is to reçairy that erch tphit mexis be substantizted by o brief reccut of tho ratee's behevior en wixch the zas in is bsed. \& fertation of this Hen use: by wope, groviles fur e nutstion be to whether
 aubjective juluonvont.

The meting afgte ined 1.2 the U. S. Alr force for offleors (and described yore fully in a swecealif, chaptos) striven ror acouracy by using a etanoland booklet for ench

 at the ond of the periol mion tho favel xhtirs io to we macie, the consemank of the ruming recom ha transferrod to a farephic acelo theot misfot bocomen the orchoial ratind

Srrora chubed by foliupe of thon reter 80 understand

 cate tae prebance of thost trrate. Fhas w111 alab tom to
 at to what overt hellavior to say then an an haliention of a perticuler tredt. The superlanity of asorriptive fhemen over trast nemes wey dencmatrated by efockeond and heablin
 mag to fount in the moltincs of Moxble ${ }^{24}$ who coneluted that,







stilmiolot mitraldae













 (vimic endil)



 dobate whetior an ouployee is 'robourcoiul' or nat, it may be relatively more rimple to aigre on whether on not the omploye engages in cortain olsorvable ectivilica wates are by ajzoenent a coryonont part of rosuurcuf hinoas."

 Luportant lo success in tt end, (2) by making the rating dovice and procedure es relluble sis possible. Criterla agalat which to check voilaly ary an liy Inarociumto in most camos, As vili be diacuased 13 the next chaptor. Conaequently paychoioghata are fonied tho luxury of selectivi itome ompisically and muat rely on the Juhemont of expeote fer twie func-
 be velid (and walcis enorefore nubt apyar to rolate ciosely and lquortantly to the job) can we roilably rated, tise over-
 sarvatione by impartial ouservera bye couerallj aocozted as


 of the fosmer to the lethez, wan ghtua by hatitae who wrote, "Thus it in elear hhat, oxcopt for chasce factors, the valiaLiy coefflefent of a test connot onohed the nquare root of its pellwillty cooffialnt. ${ }^{n 26}$












 tat khy












## 

Attente to sucum an approxtmation of the nonial ham triuation hevo lod to the uee of the "Popeed Bistritation" in contoction with the erastic sefie as shorn in Appewias A. For this tectnicque n nuxion of ustogariaz frop hoat to poonest is



 gorizot in one tralt, the procesa is mopoted for the remoln-
 the ritings thus performed. T1Efins augeatod ito followshes diatslinution for a mating of thala tyoes ${ }^{27}$

> Cotegery poreentelo of tuteos
in the entegery


A* shown in Fiflue 1, pajo 37, thate diacyisution mpproxtrata the bell stiaped curve of the hormal distritution.

If conacientiousiy axecuted, the rorced ANtrisution syatea will tend to elve abre wall marea of scares, prom
 Hovever, where the n muer is not large, it 19 peomble thet tion sovit of the employoon undor my one sujervisor mill not

## 
















Vtmitroiza. Averse tral
-atinnis
$1+2=3$









Categories of Prescribed Listribution
Figure 1


cover the entimo range frum best to pooreat ninen oumpared whth tho norit of 121 the other employeea. It auch reme che case, a shewed alatribution for the ratisag of che or bloro oi the amperyisore would bo proper and any pien to force nomad digtribution would wowin an injustico.

The namignment of leval persornol is not entirely a randomized operation, particulnry wien detalilnz ofilcosa, and it is proisile, therofore, that thore $W 113$ the difference in norit of the officess in one comuand from those in aliothet. Puxtmos, the prospan of rotation of ciuty frocuently cisenges tie nombersinip of groupe of officenc. Becauso of this, any plan of forcod distribution is uneuitable foz a Wavy rateing ayettorn.


$$
\begin{aligned}
& \text { - 178.j己 }
\end{aligned}
$$














## 


 to peto than uaing th.e hijoctived on deacaletive dursian of the usund graghic scale. This proceture of remulats is ane?
 the "Mank Onder Mothor".
fanding may bo esnenmes only with a shagio ovorall quality swch an " job performonce" or "prowotraility", or It noy be performed on enct of anvaral treite 1 succession. It is not efflicted alth the arror of the skewed lhatribution since it presents the moan only ith the enter of their excollence roletive to ench othor sithout regerd as to low \#eny ave actunlly "exoollent", "averago", of "yous".
 AnsuLtholenoen for Mavy ins unchased for the forcod Matritu-


 as equai, to the iliferotee butween sny other aljacent palzo


## 

It is relnetvely easy to cheose which of noveral men Io the beot am whioh is the pooreat but, oz one nperonchen the neen of tho distribution, liscriminotion wocuna woro diffloult. An ald in this situation is the hothod of "paized

## anciliula mat


























Comperisonn int visch oach thaivilual is compased In tuxn
 Lamach at Gech comparizon as to which is tho bettor. Prom thene judigomenta mincule ranit order onn bu conatructed. An En than Mank Ordur Mothod, rankinge mey to obeninou on a sixle overell quality or on series of speetric traitis. An
 describou by Lawshe, 署ephart, ant Liccomich. 23 fistinisu were obtwinud witis reportol nvoztan relisbility coofficient of . 83.

The mathod of Paired Comuriaons han on edditionm advantago in ther $1 t$ offors menna of duterminiag the matative valuan of the ciffesencen betwen asjecont pojza of ranke. Thusstone 20 and 2 star ouilford 30 deacribod 1 deta 21 tre prom
 Cox scalln froma fur wew un an attitwio acole but la likoly
 Purthernore, the product of thic aotiod of raking is an omax of manke, Wixich, as wo have dizohnmed, shamas whin tho moveod D1atrivution, B real rasak of Injußtice $\%$ cortas: rateen.

There La seriowa diselvantege Bttrcheat to the Paired Comperison Kothod. Gul1farazi commented that it teko too

 mothod, astor trial, ala on tho cround thar "it took too


## 5










$+5$
















od tho contwary opinitur, howovor. 32
Rathematicians have slaown thet when any cortain mumbor of Dojecta nie to lo pariod ach uith ever. ather in the group, the number of separate palxincis in sizen by the fomm18:33

$$
\frac{n(n-1)}{2}
$$

Where in is the total nutioer of objeces to be collpared. Thua if only 10 rateen are to be rated by than metiod, the nuraber of supnrate coaperisons will te:

$$
\frac{10(10-1)}{2}=45
$$

If comperisons are to be sando on more than one quelitty the total numar of compnsinone wlll ve increnaca accordingly. Deapite the techmical excellence un the paseos comm parison Fethod, its cuntoraonemeat provonta side lian of lt and, couplet with its inheront fikh of injuatico to certala


## san mo whe scaty ${ }^{34}$

The Han to Mnn Sesle wes develoyed by the Buroan of soiomenship fosearch ${ }^{35}$ and put to oxtensivo ube by tho $U$. s. Axuy in 2017. It was discarded in 2020 for the Eraphic scalo and is mantioned here only because it sorved as the prototype from which the graphic scele was deviopood.

The Man to Mena devioe rocquired thet for onch traft or quality, the feter vet up a saster scale listing the names of actual persona krown to win arrmated in the order of thotr




## $\underline{t}+2) 0$

$25_{15}$




$$
B=11-2 L i s t
$$






*F axes was of eb.









 scoree equivalent to thoog of tio persons on the soveral mastan scalos कhom ho rosemblol the most ciogoly an trmite. The tesin of sonatzuctins thead matez acelo proved too 2 nborguts and thin lod to the aduption of tho eramhio acale wisich substitutem for the comparison of the ratee fith a master scolo of actusl po $\mathrm{a}_{2} 10$, a comparimon with a acelo of atenismsmed truits or deacriptions. This difficulty duo to tho matur scales is a resi dinadvontego in the practical

 sultrble cor favy use.

## CIMCR LI:

In 1027 Prosst 30 begran remearen to dovolop a new typo

 serine of descriptive statemanta $W 1 t$. yrovision for the rater to check-mank thuse which ato applicable to the ratea. Scor1nj; wol hes hevo veon daternined by exporisent futenos 1 tean and the aum of the welghta of the Lteras checited, whon placod
 yiald a numericul scare which in convertel by use an a table into ono of ten letter grades.

A number of triala of tion tovice unfog poptationa


HET "A













## Maz atils












 tion wether woil. 36 Pelisbility coufficients of +.70 when W wen 475 nnd +.310 fon a maller group vere voported ${ }^{30}$ While valility confflcisatz, with guporvisor Julcentits wn crituris. tanjo from +.36 to +.77 for 1 bworers 40 and from +.43 to +.70 for meventy-eight public honith nurses. 41 An extreordinnithy hich vellalty coofmiciont of +.022 was roported for shirty mundeignl probetion officons whth confarence rotingo et thn aritesmion. 12

A separt of a more recont use of the Prubst type of senle hes boer mace by Theurt. He conatructe? Cwo fi=1ler
 ank © vilatey, with aujervinors' julyosoare an ariterlon, $05+.50$ for the other. 44

In diacusslag the Proist acale, Thibe wrote, "The evínace fudicatos thes antiafactory reanlta cura vo cocured


 cized particulerly the wethol of cholee of ecoritac velhata, the valuen of acorias woishta avainned, and the fronk (and apparontly succenarul) ettept af Brotst to doulg a devioe Whach vill atve norsig nommi diutribution of seorea.
focontir, Probst hem xilainal un ehoien of scoming woighta man mathols more ocaphtely hai hes melcerated that hre ain not at out to force mis deviee to rencor a nomal

 Whenk , -

 ai $\mathrm{Ct}, \mathrm{a}$ ave inllat sdi




















distribution. Instead he reported, "Yro solo alm was to evolve a acheme that would place an employee fre the sorvice group thet would be genorally recognised Ba correct for him."47

## comnimations

The never ondinis sensch for improvements in reting devices has les to cumbinations in the one form of two or nore methods of retins in the hope that a sumation of aivanteges would reault. The addition of the forced distribution provision to the frabhic serio how boen discussed alronty. It is usunily achievod by dividing then acalo into vertical columas each herded by the proper enteboricel dosignation as Bhown in Appondix h . The instruetions for the raters using nuche fomm may meke it senshtory that the distribution be rollowed or they thay oniy urce it.

A ran to man maniz $\begin{aligned} & \text { any bo included on the combined }\end{aligned}$ form. If sucts is the cast, the retar will flind Austructions to compare the ratea to list of prescistel number of indivilusis known to the rater, and whon ho must rark in order from beat to pooreat. No a rosult of tist comparison, the ratoe is to so assigned a rank oqual to that of tize individual on the list whom host closely resuabloa in traits. Further attempts to ubtain vallaty incluhe requiring the roter to indicete whother, unler sotve spocified difficult situation, ce womla prefer to have the reter mitis bin, he merely satisfled to have his, or actunliy prefor not to havo his. The subject is also appronctiod from the araction of

## CD



























requiring the rator to express Mis coolines rosaraing prom motion for the metee under eect of weveral kypothoticel conQ1tions much es, (1) a lerge percentege of his peers awe to be promotor, (2) emocierate percontage are to bo promotod, and (3) only a mall percentrgo to to be so zrevarded.

Lastiy, brlef easa or ovemal ovaluational atatemont may be raguineal or \{nvitod. In this the ratar hes conm aicarable iroedon to sot lown anything of importance which may bo rolovant and which ham not boon covored surcleiently in the other portions of the reting. Mhis is tho most subjoctive portion of nn ciraaly too sunjoctive measuroment but mont authosities roel thnt it should not he omitted. In adiftion to eliciting informtion winch might othemwno not be brought out, it hae tho beneficial offect of giving the rator the feeling thet he liss not bean reigimented excessively and has boen allowed to express his own Dulnion in his own way. This is likely to be n more important consinerstion as rating


## 

Phurel retincs. giau well known painclplo that tho reo aultant of essessmont by severny Juisea con wo more accurate
 programs. "Tine rollaillity ant vallalug of retitacs," viote Guilrord, "incroase with the numer of justos." 48 An exraple of the effect of increasinz the numbor of jusi; ss wan roported by Bradalaสy as rollows: 49

## b




















## - <br> 










Euch plumel Jushomants may in mine snd condinod in conforonco Into n inflo epprainel of they mey be once nopmeately, without consultation, and thon wersod. Propononta rom elther procedure can to found axong the whthorities in the ilela of retisic.

Favoring tho cornceromee plen are both Vaccullou h60 and Soler. 52 The 1atter exhluited tho oxtont of has entiau-
 ceuae of lack ¢f miditionol sugy
 fellow omy ioyees of the retoer.

On tine othax hand, Loth exresins ant furtt peoter to


thet gronter validity in obtalsed uy av-
ant rake jolut octionete.
1.2 sowhemet Buztt roported thet in a wtudy of pooled judnam
 Intod mith tho eritarion tho Evoreto or tre trolvo cospelam


5






- 4.41 r










$$
\begin{aligned}
& \text { undsuig? colvar it wiole itan vel on }
\end{aligned}
$$







were combined into a alnele figuro, this cumposto juigement correlated +.40 with the eriterion. 55

 provided opposito ench itera on the senie, for chook-maxidng by thres raters. The directione proulae that better resulte will be acialeved if tho secund and thind waters will cover the columne contalning the checiomarka of procodint raters

feviow of retincs. Shatow at hishar entelons of yat-
 Judgementa. As mentioned stove, tive frobat ackie providot for reting by three persons, with the Instructions recumending thet the ratora mice their juigomente in tnverae order of their senionity. Altholah, es explained avove, it is intendec thrt
 protecessor have bone, obviounly the knowledge thet the ratinge performed by juilorg $\quad 111$ be compared with ratirics sade by thatr superiors will have the offect of nroview at hieflem oovelons ${ }^{n}$.

Tha U. S. Army, the U. S. Air Porce, and than U. S. Civil Sorvice ench follow that gractice of reviaw at hijher levela. Specen are provided on the ir rempective rating forms for the sction and signture of the voviowing ofrlciek. The Civil Sopvico in addition recjupres that rating bo reviewed and approved iy a comattoo.

Be






















 .2092 timad a wi kremy

Then proparing to Rughersont a new ratiuj dovice, 56 Aray Investicieturn conductod experimente to dotermine the vilue, if say, of rovinv of rating. Moy founl that the validity was lmproved a atatisticelly aignisicent amount and therefore included the reviow procedure in thely now proczan.

Tho practico of zoquiring subatantietire statomenta, (aee pece 34) thouch ita prinury purposo in to cause carorul thougtat by the rator, may sico bo cunaldered a measure to facilitate roviow. Thio is true ovan in a ayatem in maich railn, a ere accepted anil filed as made. The substontiatiug statemonta will ald the contral personnel egency in evaiuatIng tho ratings, attaching nighirleanen to those on which tho suhatameinting statemonts imdicato accurate ratings and givind losa considerntion to thoae on which tise atntemonte fall to aupport tho maks ufren.

## nut ATPROAC:

The product of erolaclvoly now approbels to tha prob20n of rating waz placed in rogular uae by tan Atry in 2047 . It exploya tio forcod ehoice tectunique principally mad, cunsequently, has come to bo known on the Aray' Hew Forcod Choico flating. It is the outcone of nearij two years num by a eroug of paychologhta in the aray, urdis milich they hed the atvantaco of caroculze controliod teate of tho dovice In mating almost 50,000 orflcers. The reanite wore seported to be quite gool ant the device was doclazed, "derinitely




 $1=2+20=1$









 $14=$










auperior to any other yet dovised and teated in fuifliling the roculvexants of an elogucte rating wotes for hmay pur-poses--...." ${ }^{\text {E7 }}$

The foreod choice techangue hai been hased with wome succosa lia perponality meauremoat, The Juryemben Claamification Inventary and the Ehipley Porsonal Inventory belng now tablo extmploa. sinels purpose, which thoy achleved to an acceptable decrec, was to nocurce a trum menaure of an Andividual' peraonality derplte the tenseney of most people to conceal what they conalder are undeairable or aocirily unaccoptablo aepocts of tholr personalltios. this toconique for foroing tho rom sipondent to reveal his peraonelity was eareptod by the hray paychologists to forclan tho reter to reveal his real uptuion of the ratee.

A nore deteiled description and discuasion of the forced oliolon retin. will be found in Chapter i, imine If.


Mathenatioal considerstions. Fhus far tho diactanion

 ratins motholis, on by vertauo combinetions of mothod and dovice. Hathembeionilj it has been akown thar lmoreneing the longth of a psychologicel mesauring instrumont increases the reliability and validity. the formulae showing the a relathons aro as followe:
(a) she gonemal fora of the spobmmonrown prophecy

## 4


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## 







bual fors ate me noult

fomula for prodicting the rellablity of e toat of ircroased longth 1s: 58

$$
r_{n n}=\frac{n r}{1+(n-1) r}
$$

In which:

$$
\begin{aligned}
& \text { rnn is tizo predicten coerciciont of re- } \\
& \text { liablizty of the lengtwened tost. } \\
& n \text { is the number of times by which } \\
& \text { the test has been longthonod. } \\
& r \text { Is the coeiriolent of reisabil- } \\
& \text { ity of the toat bofose longthon- } \\
& \text { ing. }
\end{aligned}
$$

(b) The general formis for prodictins tho valisity of
a toat of incuersod lonjtri 13:59

$$
r_{(n x) y}=\frac{r_{x y}}{\sqrt{\frac{2-r_{x x}}{n}+r_{2 x}}}
$$

In wisch:

| $r(n x) y$ | Ls the predicted cuofflciont of validity of the lengthened tast. |
| :---: | :---: |
| $r_{x y}$ | 1. the validity cuerflopent of the test bofore longthening. |
| $r^{x} \times$ | is tho meilability coofmicient of the tost befose lengthenimg. |

A basic assumption underlying tho above formulae is that oach item of tho loncthoned instrument moasuros somo polativoly uniquo quality. Rathometicelly statod, tia assuaption is time the itoma correinte low with each otion.

> In ravor of a reduced number of trofts. Enieso is a



$$
\frac{x I^{2}-61+1}{\pi_{x w}}
$$

4


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-IZuhlim To .enkelXlogo ey ed



savber at



## $t(x, y) *$



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 offuct, wrote thut tho temsenc. of roterot to rant an Lamividual suout the sum on oecti tivit "majgests that tho many







 olude thet, "moxker consutoney cosld be rated on one or poses.bly twa 'trosts' aw we22 es it io mum ratos on the banis of twolve" 02

 Thae foxmar, in roply to the quontion of why zaters whouda be soquired to recosd trait whtince when they compiato ge alonem If with tha finnal ovorall ostianeso, deolerod: 03
-..en overall jutcement to mome 12lody to be comoct if wale artor the whtor'a aitention has been focuswod ewceessivuly on aeveral of the concidato' sa:cesfic trazta.

Probet has conderned that ine calls "Overloedod Puctors", 1 teas




## ow













 [- | - Asombont











 tertion tc tize apociricity of thoso findinga und edrmacod
 mule1trozt seaio wiricisven maia up of a mubor of unicuo iLoms. 65
 ono will wacoll that azb accurntes wasuscaseat is thet misaro Is not tha meatit on a sixuia observotion, bit rativi, it is the averaso (or sum other inensuzo of cortirtz tenhonez) of. the resulta of wevorai vinervntionse It 42 guito josellio tiat the Live of rotin; scale wisioh sactioys matinge on twelvo or move itnea to heaburo ono on porsibly two dxco tora of workor competonoe 1. a similux procoam of bvornizine the resultu of aeverel posesvetiona.

Tho writer wes undsle to find reportts of any actum


 asn or thet nature would be a fristral sogearoh project, It

 aneft ti.e outcuma of buch a teat.

A finml consiteretion lik fevor of a multitradt senio
 Scalo of one or tro factors 112 arfogi 1zttle 1ncomation
 Inalime to inpmovemant of tive antter. For instance, one of












 .aslionma dewion le outurn met













 1ty to du present Job". Is it likely that manajoment or the

 are knowa?

The 1myontance of tias ratirts in enloyeo frytroverant
 receive furtion attention 1 eter in commeetou vith the trent-


 eanluyee ingrovement mheuza be anoptod.

Proctic: consicleruthons. Ehouzat kto rotinu berio dosignes zexpet the blandishanent of the ncvocatas of the nbbrem Fiscod scole and pian homy-iboned dovice to etd the thimiking


 due condidemation to tho vory ren frictoms of cost of the
 Lo induce a periounctosy attitule in fine rotamp by fointime upon thes a form wifoh mequisob an excoast ve anount of thant tima rnd onorby.

Showin mating vo ratens. of ratian it fino rechisowont thet Iaplloft la the objeotives






Paicull Fr

















ververy fine vete




Halsey, ${ }^{66}$ Yoder, ${ }^{67}$ and Probst, ${ }^{68}$ in common witi inany other authorities in tils fiold, have agrood that provision sinoid be mado in every rating prosrem for the omplozees to see, or be informed of, tioir ratincs. Scott, Clothiox, hathewon, and Spriogol also mecomondel a post-rsting inte:view betweon pater and fatee and proposed the follomin, statemente for the pater to complete in planning the interviow: 60

How I Can Itelp Him To To Moro Mrfective On H1s Present Job:

He shoula bo efiven adaitional inatruction on
He shoula be given aditionsl experience on such jo5s as
He shouza stuly such subjects ss
He should chance his ettitude as Follows There is nothing more I can do for in bocruse Remerts :

Horo recently, hrostrong wrote of the pust-rating intorvlew. 70 fiter sume Ascusbion, he fropoued tae forn elhown In Figuro 2, paze 54, to be printed on the reting birsik and to bo used in preparias for the finturviev. In adiftion, he offered the sufgestlons forncturi conlwet of the faterviev shown in Figure 3, pago 85.
tho shoula rate. Obviousiy ho whe han tho most accureto knuwledze of the retee shoull perfort the retind ent no Aisajrement relative to the statenent as roiced here will be oscountered. Hover, the question ofton arises an to whether 1t zislit not we bettar to utilise rating ande by the rateo's peers or hia subordinated insteas of those prromest wy his superiora.

## 64








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 man mo





## RATIIK FOMM

## TAITS

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## PLAR YUUK TELTK

TO MAN

TALE TO HIM
ATBOUT EMIM
PInCT
 ABUUM Prio.


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Fola 20 AID hamat
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There is a genoral feoling thnt molnay by one's poers, the so called "budily retings", aro more nccurate than supervisurs" ratings. Amyy poychologists usod "buddy matimse" to stondardizo tise Army Forcod Choice ratins fomm and subsequently, Therry and Fryor roportod findins ciencut superior1tJ in "buddy ratinje". 72

An Arny study reyortou by Blttnor shoved that 78, of - group of 1000 Amyy oficerg preforpod not to be rated by officers of oquivalent rank while $77 \%$ of theso same 1000 oficers preforred zot to do rated by their juniorm. 73 If these attitudes are typlicni, it seems likely that ratin, by one's superiors will comtinue as the usual proctico and thero remains only the problea of selecthé as the ratar, the suporio: with the most odequate knoviodze of tho ratee.

How oftan to rate. Althourin thore has beon no orperimonts evidence obteined to answer this question, alathoritios writing in the field are sonerally in accori in tions rocom-
 ratines twice each yoar, ab routine, witi mozo fropuent rata ings in special situntions such as a mphily oxpending or shrinking or enization ant ne: or prowetionary exployoos. Probst suscostod in addition, tiat fatin's wo porformod on esplayeas about to be transforred. Both men oppose the practice of Rllowing an oxcesaive periud to elapee betvoen matinga, warnine of tho dencer thet the raterst mekorion will bo unequal to the tast which Fill lead then to \& ivo undue volut

## Ge



























to the more recent performance of tho rntoen.
Gatimg the rator. It has voen suygestoi by surge that poor retors bo identifiod ont relieven of the masonaibility. A copacity for correctly julesins eubordinntes lo certadnly a Cosimable ettribute of one in authority, an in tio ilint of that consideration, tho performance of a rator may be seon ae ono roesuro of 118 success as suporviuor. Puathor, ratinga of ratere would be an ais in rates treininc juat as matincs of omployeas ere helprul in employee troinims.

Probst recongized the noed fos locetint the incompetent ratore and pointod out Low his matine systern will fac111tate this. 76 Iuder discusaed "ratimg the reters" in connection with his plan for comocting ratiacs to a compareble basis 77 nd white proposed statimticul anajysis of ratings In orior that, "... Inexport or caroloss rating officiala can be confronted with the sometimen foolish consequences of their lack of care. ${ }^{773}$

## MIATHIMC OF MAPMT

The foregoing discuasion has boon concemmed lariely With tochnical improvoments and doaign of ratin; lovicoa and procedures as they relete to the strucgle for increanodroLabllity nad validity. Veluable as thene elemento arn, most Rutionitics agree that the wont bighificent ractor in a successful roting plan is min alequeto rater traintn. pronmat.
 วอะรลรา:79









 $\qquad$






$\qquad$









It in indoed now conernily hold that the form of tho ratins instrument is 1038 1mportant than thoroing training of tha matims officers in the art of ovaluating subordinates.
Bittner, 80 Knowlos, 81 ana siffin, 82 to montion only a fow other", voiced simina viaws, vhile Driverss oven wont so far as to avocate the motrainius of raters at latorvals. Brfoct of trainin rossurad. In 1845 the research section of the kray fajutant Genoral's office conducted a carofully controlled experiment to determine tho results of reter trainine. The population of officors, who were to aot as rabery, was suparated into higher ochelon and lower ocheLon cetegorios and oremized into control and oxjoximental groups. After all autjoots had poriormed samplo potinge (which were correlated aninst certeln oriterita to boternáno valid1ty), the oxperfmental fouja were given atwo houm conrso of instruction and practice in ratin. Upon comylotion of this trainina, all the mombare of the control anu experimental froupa rematod the individunls they has evaluated in the preilminary operation. Correlationa between retins va11dition showod a slifht and conaistont, thouin now tatistically oignificmit, gein for the highor ocholon officera but showed no consistant laprovement ior the Iowew oohelan ofes$\operatorname{cor} 3.84$

In: experimenters commentod, when aiscussin: tho swall 1mprovement: obtained, that their zubjects wom all axperiancO\} ratura who could not be ciassified as untrninod, and conso-

## 8.



























quently, the erfact of training could not we oxpoctod to appotres mankod am if administered to hatrairou matora. To tho writor it acoms that the relntively smal. effoct of training axperienced retors soon in this atualy would tond to wamion Drivor's recomvendation that provielons bo made for retrakning retors at kutorvais. 35

Mffoct of cortain rator qualitlos. A moze recont study by stockford and 2Lasel2 rovealed thet traninge in rating reluced tho suscoptlisilty of ratere to blan and to halo and increasod the rellabllity of their ratinge, although It has little effoct an the rateris lonwency. Othar intonesting data wore obtainou whon soverny qualitios of the retory wero moasurod by gtandass psycholonical tost ans compeletod with varlous abyocts of rating performance. Tho ist cher the patert mental moturity, tho moro rellawlo, loss lemiont, and
 poct, tha more intellicont ratore profit momo fron the rator
 ponent ard his huminiatrativo-suporvisoxy Interost factor, ns determined by the Euder Proferonco secorn, tie lesa lenient and ulasod will bo tho insting rade by him. 86

It appoars then that the 10 gical asmuption thet rater trainsme is valuadie ajumet to metine procran is borme out by test. Thorofore consideretion of what material should



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Subotrace of lator Painine Program
Tho decision sa to riat should ve tauzhtiresta un the detomination of what are the most coman rator exparis, sinco It is towar,? tho ourrection of thone that the progran should be amod. Fecause the most rrequently occurring racers' errors hove boen onumerated and Alsoussed at aome longth in the procoding chaptos, thoy 1111 not be detasiled hero. Instend the discusaion will be liwited to the training program propor.

The putpose of rating. The most suftailo starting point in the rator traindeg procian is ormhesis on the rolo or the ratinis device as wersuring instruacnt. In this connectIon, tho objectives of retine, as aiscussod on fagos 3 and 4, should be zade cloar to the reters. Tho concopt of the retIng as a reans of porsonel reward or yumphanent should be oliuknated. The velue to the Navy, Hill tie Netion, which will bccrue frow a well cosiunad ans properis usod ratine system ahould be atressod. Corversely, the harg to the liavy,
 has been inveildated by ita use a a moarion incentive ahoula bo fmpressel unon tiso rotess.
mieory of noman ilstribution. Tho theory of the nor-

 atrate its trutta should be cited. "he mbaumitta of that foela In tiot Havai oficera mult be "abore average" to to of velue to ti:o weval Torvico ahcule bo nhom. If theme polnts ere

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clearly and convincinily made, significont prouress tovards onhencod reliability and validity will have bom colifoved.

Parcholorical Influences. The nore important paychom losical phonomona which influence the retors should be filentified, descrived, and atacussed. Tho retere phoull bo knformod of the offocts of these forces and warned of their subtle nature in order that they why be on guard to mingrize their conscquences.
heanini of tamas. Explanetion and Alscusaion of the moaninge of the teris used on the rating form are important. The instructor should moke freguent use of examplet and nnecdotes to clarify his oxplanations. Invinv the stulent reters taice turns at composin descrintione of fictisious, on netund Bituations which iliustrnte the meeningh of the tomis - 111 be esyecially Somoficial. Mucconsful toachira of this section
 arnt of comparisun as vell ab minizizing errort deto to minundorstending of teras.

Practice zntines. Lompinis by dolng is concodea to be the most offective typu of learring when the asaunt of labened moterisi rotained and the ability to opyly this lommine aro the criterie. Convequently, no pater trainins prompar vuila be complete whthout practice reling. A su rested procedure 1: to moruive the $\begin{gathered}\text { tualent wisem actially to perfors ratincs }\end{gathered}$ on reaz persons or on the bastu of aneciotan recorls. Those anoclotal recorts may to of roel or tmaginamy germone but

## 40








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shotila bo so soloctol tixm fioy oring out the many fino pointa of the ratine jrablera．

Compasimons ans comblettome of the rathisis on the mano porsons woild mhow thoir rellabきさきty of lack thereof．＂ubse－
 ratimi porioumanco．

Pectice motin：would havo the raled boncficini affocts of：
a．Parilinvizinc tho neteza with tha fomas and pra－ cectures．

3．Aterismlieation of tive mennincs of the tumas usod on the poms．
c．Eismination of or roduction un liferences in strnderds of eominatson amuns the meters．








 principles Applicable to bevicos
ELas anci absectivity．Tho rathma lovice alsuruld amody fonturas w．ich aid in minimisint the raterts vian na improving

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his objoctivity. Further, it must oliminate ineofar as possible, orrors due to misunderatanding of termand to llfferences amonj ratora in standards of comparibon. Theso ajectives are beat served by the forced choice type of reting. However, If the expense of proparation and mantonance of the forced choien fore is prohibitive; or if it weets objection for some other poason, both the Probst chock 11 at typo or fara and the graphic reting scale aro possibilitios. If the graphic meale is chosen, it should be of the deacriptive rether than the ovaluational type and consideration should be ifiven to the possibility of reçusirin gubstantinting statementa with the ratings. The various other rating processes, such as the ranking and the paired comparison motwods, will ise eliminatod from furtlier diacuasion except as onc element of a combination fomi, to be discussed in a moment.

Ma10. The conetruction of the mating dovico ahuuld provide ciaractoriatica which will aid tho zater to avoid the halo error. Here again tho forcel choico form in proeminent. Other possibsilitiez aro the probst acnie and the graphic acale with the favoralle ght of auccessive trait scales blternated irregularly fron rleght to left and back a cifn. Other fertures include unequel graduations of successive trait scales or elimanation of greduations altogothar, leaving only the levels.

Homsl distribution. An attenpt should be ade to becure a reasonaily close exproximation of a nomal distribu-
es






















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tion of rating scores. Bith the exception of the forcod distribution rating (which has boon doclared unsuitablo for fravy use), the Prolust scalo sema to bo the most auccosarul at attalming thas objective with the corcel chole rnting as secona bost. Improvenent of the craphic form in this respect is attempted by divilin, 1 ta scales into column, as deacribed earIfor, ont supplying hortstory instructiona that tho reters be grided by tho colums when ratime.

Statiatical mothoda of corrocting rotinja may bo omployed. Tho standari acoro (s scone) techaique previously discunsel will acourntely convert rating scores to comparmble Gunntitles on a normal listribution. Alternetive methode, one E metheratical procese using avornco deviations rather thous sthmard deviations, ond the othore a graphic process, aro sumEentecl by Yaler. 88

Deithtin of traits. There should be proviaion of sultable wolghting of twaita in arriving at the overall weore and procaitiona should be get up acainst uncontrolled welehtIne. Suc. precautions ars best grovided by the stmantas score (s score) inethod or sond approximation of it.

Maplay of gralitioe. The matimg should be in suct. a fom that both tho matee ond mane zoment oan seo what aro his strons points and his wemkeses. If this condition prevalle, both the retee ani manegement can toke intellagent stops to correct the weaknesses. In addition, manusement may wish to institute pocedures which will leas to soloction of auperior

## 48














 Mivaser th lieneay











porsonnel in the future.
This recuiroment that thero be an intellisiblo diapley of tho raterts guallifes is vegt mot by thic cralhic ratLise scale, though the Probst schle is a possibility. The forced choice fozm is poorest in this respect since by its vory dasiga the true meture of the matinc in concenled from pater ans ratoo.

Comb1nstions. It is cormon vith railitary patince foma to incluan two or more rathoin of ratime in tho same patime intimuent. On the besses of custora and loic, experimental ovilunce pro or con not be ne avilable, the proctice shoula ba continued.

Tresto to be oxeluced. The reting soble's raison diotre in tive fact that cortain gurilites of men Arw monsurablo ondy by julgement. If a better motho: of moasurins theso cortain qualitios eristen it would be only Nise to dism pende with rating scalos ond use the botter nathot. Conversom 13, it is wiae measuremat policy to oxclude from wotiny acalea tho: e quslition rhich can to mosured vettor by more objectiv torns. Includei in thia cotegory are such ontities as "heolth", "1ntelikence", "accursey", "speed", "volume of production",

 clusiva a quality to be entruatel to the limitel enpawilitioe on rectin, scales.

## 35











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Achiniutrab111ty. hating inktrumorta amiprocedures should net rogulre excosalve tho anA oneze to omploy and adusiator. Thas rogulten thet tho foran be of a cuncenient alse fith casily reacisile printing, and that they not require Rn excessive number of operalions. Sorthe olds guch as teanplates end atencils, or bettor still, machine scoring, should be proviced. Finaily, tho data produced by the dovice should be readily obtainable fros it in an easily uned from.

## Principles Appliceble to Trocedure

Conforence rith reted. Dellnite proviaion for discasoing the rating with the ratoe should bo inciuloci in overy vating prostras. The ratoe should be shown his dotalled seting, complimented on his etrons polat!, end sumptheticalls and conatmictivoly councollel oiz zeens of overcoming tie wenicnosecs.

Tho should rato. tho consensus is that the suporior tho has the moet intime knowledge of t!oo ratoo is tios man whe should rato his. Dhere move tinn ono superior is avelinlie Weth etoqute knowledje, the ratiti procedure shoull be deoty01 to teke full alvantege of tho swieriontiy of severol juages oves one. Ifther a conforcace rating or the averste of soveral indivilual ratinge may be used, but the lecter is the nore secumeto.

Mow often to znte. Informad opinson gracemte that soniomuni ratins are eurficientiy frecuent oxcent wian tho orgenization is expaniling or contrecting mpialy, at witch the a thorter portod, usually three mentin, Letwoen retines

## $50$

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Is recumended. In nddition, it is belleved thet new members of the orgeniaction should be meto more rrequentiy, secause, (1) they aro I1kely to bo canncins mure znjlily as they lonm tholy suties then are the experionced employees and, (I) more frequont retinss will provite n sounder basis of evaluation durinj and at the end of the probationamy poriod.

Rovion of ratinco. Thore practicailo, advantage shoula be tation of the tomiency of raters to give vore thought and care to thels matine tanks whon they know thot they may have to juatify their julgomeats to tiseiz superiors. mhis 1s best bane by aum proceduro for formal review anci ondorsemer:t of retin 3 .

Tralniaw of maters. A rator tralniats pro ram slaould bo naintaluod waick not only ucquefut: tio ratez mith the mectanices of the the or ine form, but inpart ano ander-

 - Doye improvement, so retinits of tire raters (by the authurition in tio central peraonnel noncy osic with adequato
 toon 3 H. ituprovemont of the ratera.
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## PART II

## Chapter 3

## CRITARIA

## Inmurtance of Criteria

Leasuroments are meroly compurisono. It is impossible to concoive of e momuremgit thet is not conparison fur such would be monainezoas. In the plyysical scioncos comparisons cun bo mse betwoen tio rixysical entity bolng meosured an. a measuring inwtrument, which In 1 to doedgn and construction has alroady beon compered with a etanularis, which in buph has been comparot with more reifned standart nat so on, back to tio funimanntri stariasd, the critorion. Neasumemont in the social scionces requisos stancards alao. Herg too, one mut heve something whth which to compero his anasuring 1hatrument (a critosion) in order to deteralue the accuracy of the inetrument.

Inadequecy of Avnilable Critoria
In general, criterin avalablo to social sciontiots have not beon as reliable mad valla as thono at the dzapomal of tho physicai scientiste. This has beon pertioularly true In tia fiele of mesourement of oxecutive aulity, wisch in the area in which this study of officer afifciancy evaluation is concerned.

OrIteria of reliability. Nomaliy, tho reliabllity coofricient of reting device will be detorinea by commelnting

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the results of one of the fullowins alterratizvos:


Typical coofficionts of rellab111tyo Toctor has set $r=+.75$ as tro minizum roliability coofficiont which should be tolerated. ${ }^{1}$ Dy porforming the followin calculation of forecantin; officiency: 2

$$
100\left(1-\sqrt{1-r^{2}}\right)=200\left(1-\sqrt{\left.1-(.75)^{2}\right)}=33.0 \%\right.
$$

พ0 goo tiat Yoder's Limit roquiron that tho ratime dovico be relinble only to the oxtent that tho likelihood of two consecut?ve rating of the seme incilvidual voln icontical is 33.9\% better than chance. That is to say, Yodenis limit reo quines that the melininility be such that one hau 33.3 chances In one hundxed of predicting what a necond rating would be. A2though rating desimnors he onjoyed some succeas in axcoodIng this minimum, none ham seen fit to propone raisimg it.

Probot reported finding a reliability, In one came of ratluas of 475 omloyoos, of +.72 amd adied thet this was typical of the oxperience with ina lovico. Othor invostieatoxs, to mention only a fow, have roported reliaullity confic cients frow thoin stule sis follow:



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\begin{array}{lll}
\text { Stocicrord and Bisseli } 1^{1} & +.793 & \\
\text { Michardson and rudor } & & +.85 \text { to }+.00 \quad(11=530) \\
& +.83 & \text { and } \quad(1 \%=305)
\end{array}
$$

Lawahe, Mephart, and

$$
\text { Hocoraicke }+.03
$$

One of the hichest cuepricionts of rellebility for a sorvice Fhiluy; likely to be round is the $r=+.92$ reported by IIffln. ${ }^{7}$ It is significant thet the Bystea which yioled this high figure omployod "ayatematic corrections" to equelizo "rater fendeticies" and inderendent ratinze of onch ratee by soveral retern. Only the designers of the U. S. Air force officer
 officiont.

Criterin of vallaty. The followin passage from a recent book by Lawahe describos the sltuation in this aren yuecinctl: and woll: ${ }^{8}$
...A Survey of the ilterature fielda little evidenee of successful validity stulles in the erecutive breckets. This is mo doubt due in pert to the extremo difficulty otending the setting up of adequate criterlon groujs at the oxecutive level, ...

This problem of absence of criteria arison frat tho very condition which moker it nocossery to doperd on were jutgement in this important field of measuremont, i.e., from lack of a better method of mexouriniz meny of the abpecte of exocutive performance. To socure criterion, one must in some way, \&dentify and isolate a atankri of executive performence. He tust select a derinite sample of executive per-

# 510. 

 $(405=2)$ 至

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##  <br> $4 \times 1-1 / 20$











> Bifies has eSteutshey








Sormanco, tias $1 s$, woesure ilnito quantlty of $1 t$. Except when monsuriat cortain sualithas such as intellisence, aptitudos, and heelth, juigement is the only recourme in aceomylish1m. this eppraisemont. The result is comparable to the outcome of an attompt to test tho accuracy as to length of a "ome ipot" rules which you havo mede, by compering it with a friend's ostimato of how lone "ono foot" 1s.

The frustrating consition described in the proceding parasraph han lod cronbach to tho hoperul romeris quotod oarliar that, "Observations by imparial obsorvoss ere zenorelly accepted as velid if they can bo sade relisble." ${ }^{\text {a }}$ Too urtan this is axactiy tho eituation Wlifch provails. But, in the writer's opinion, it is an unsound joeition to adopt. It is quite truo thet validity depenis on reliability that thero cen be no valialty unless there is zelinblilty. The mathomatical atatoment of this relation 1 s shown on page 40. But It is not trio that because the measurins inctmumant 1s roIsoble, it ia therefore a valid messure for the particular quelity boing considerad at tho momont. Agaln may look to the roalin of physical woanrenent for an anslogy. If a rolinble conture is nlso necosbarily valld, then o mion will yiel val1s ILnear zeasumements even if through zowe Inacivertornce Et has ioen mado ncturaly too short. Obvioualy, this cenrot bo, for thouih readings obtalaei with it weze unisom, they womad be monetivolesy incorpect.

## 5 5



























Tepicol oriteria of yailaity. Many lnvosticators in
 1ty, as describod under the eraphic rating acale in the prem coding claptur. Obvicusiy no coesficieat of vaildity is aVailable frow such stulfes siace the rellabjlits coefflesent chnout be atutitutud fur 1t. Those oxperinenters who hase stturptou validailon proceedsurs heve utilized, 1 : moet ceaoo, some othan Come of retima es tha critorion. A vallizty courfloient of a sort in puolucol uy thio grocose sut ita oxact valuo may le open to sone doubt.

Iftumerous exnmplet of tive volidation of onc rethatg by tho uac of another as eriterion nay bo found in the literature of rating. Consider Probat's recent buol on the subm joct. 10 we loscrived Hsa critomla as "surervanora" Sulco-
 घrd tiose हE validity cocificienta. A fes of theso ere shown In tie fullo 1me taude.


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butuy rankinas anu ratinje nmi the roaulta of certain melecto Lon fovicos, nazoly, an offlcor onndidaco fhigh Ievol intalut gosico sonsume) toat, several persomajity moenurba, mad matiace By former supeziors. In addition, it var deterainen by factor
 sactor.

The rosuita Led tho euthors to conolude that:
(a) "nuddy ratives appors to bo tho purest

(3) Euddy nominatsona (ranking) "eme equazy EDOd moasuro of Iendosmhip"
(c) "homirntiona by class appear to bettor bo meathrea of tho lemdornh1, lector than any other variablo."
(d) 3t24J Hominations comelntod mosu misizy With all the selooticn devices, except intalliconce, than did actionte Eractes.
(e) tuddy noninetione ans potin: both mono stire socuratoly after ahortor pordod of observation than ration'o by sujervimora. Fhat is, ono's poors form acounte judgamonts of um zomo ghiclryy than co onota




 Feletions between tho busdy rankinin and tho platoon orilces.

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ranklnas wore as follows:
(a) For the five weoks clnas 4.70 .
(b) For thas titroe weoks clase t.05.

These figures represont rether close agreoment and perieps may te oxpaned by the fret thet the precess regurea thet the miters rank only the five beat and the five poomet man in onct class. This eliminated the milude croap there ereatost disedreoment as to the correct order in likely to occur. Anothep dofender of ratines by peery is rittmer. 17 He argued that ratin, by peers nre lkely to be more becurete bectube:
(a) Hen live and work much closer to thole peers than to their suporiora and thus have a botter opportundty to oleerve ench other's perfomence.
(b) Nen tend to show only their best silles to thoir superiors wiereas one's peers have an opgortunity to observe typlesi performance.
(c) The investigetor can empioy the principle of obtaining multiple jud ements on the ratee more effectively if he use bucdy retinge.

It:tanents (b) and (c) apizly equaly well to patiuns by onels Juntors though tore sy be nom guention as to methor one's subordinates are able to fulje the value of thideaz pertorance as

Ratines by peers instead of sumertore. Tho muportority of buddy rating demonstrated by Therry and Pryer and

## 47

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hypothosimed by Eittrez raisen the questiun at to why me arould not disponse with ruting by superions and kao inatead ratinc by poers exchasively. HLtmer anawerod this question in favon of ratalninz tive custom of zatinge by gupervorm when ho wate that, as what mentioned In the preceding chaptom, ro\% of the 1500 hryy officory pollod on tho ausject profosyod not to we rated by thoir equale. 18

Tho jeasons givon by thoss, officom mere mot roported ULE one rany speculate as to tiselr sinturo. It seess probablo that, 14 ath oreanizaticn oitained wuiay ratin. s an a vattor of routine, the conaegront feeling of boing continuousiy watched ans gudeod by frionts tha foalom workort vould eonerate undealrajlo tensions amone tive personnel of the ornan12ation. mboxe tonsionm mínt canily provo to be so detrimentwl to norale and toamomic thet the onsulaz loss of efficioncy woull outwoigh any acvante co gainol fwos tho auporm


Putu=e posb1b111t103. The complesity of the actavi-
 necesuity for nonsuring exeoutive perfoxnance $2 a x= \pm y$ by fulsoosent han boen etheod and Roplored. what thon is the 301ution? In tiore nay 11iselihood that faytuing oan be ione to aid sicrificantiy in the tadk of julgomant? Is theze any possiosizty of superio: subatitute for juticoment?


























 Colly
daco of the Bureeu of haval Jopormol rocentis recolved by the writer. 10 It is statod in this commanication the tota tekon fron the roadily Guantiriable 1tow of all the fltnobe reports or une Heval cadoty clesz of about tharty yenrs oxperionce no comisaloned Havel orricers shocn, that thes Havy Fitnoses heport hes "falrly sood vallaity" in teras of prodicting succose bofowe the Havy selection boards. 20 In addition, the data show the reporta mate on officers when they wo holdens the regatively Junior ranits of Licutenant (Junion graile) or Lioutenant, ane core aceuxtitely prodictive of the subseytent ottuiazont of flas rukil then aro the Extnese reports received mhlo the officers are in tho hichor rama. Infozation of this innt could not be ueod to vallinto any coinglatuly nen tecinadue or
 antlon ruich nound to of aseisterace in un ovaiuation of fast practicea made with a view toward synthesis of tha best portions of earliur fitnes repont furm into a new devico. Otizez possibilitiez ine in tia alraction of detarmining and consicering çuantitativoly wore of the factors watch a-e indicative of satiofactory enocutive portorance. one of the lajgortant indicators of the qualley of esocutlve porformance Is the Horalo ant attitudes of the pank and ills of Eite origanization. It ia concelvable that if fifuzatiolz as to the morale and attitules of tive subordinatob of tio offleors componing the oriterion érow noro considerod lit edation to the buddy ratincs uf the exiterion eroup, a wore valid criteriun might be

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echisvod.
in amoltious effort towar? fetexninime the fnctoris which are inslentive of tha quality of exocutive pempomance 1s tio ton your profoct of leatorship stuiles cumpentiz in yrouress on tie csmius of mive ohlo thete univeralty. 22 whe Fonsonsel Tesoarch Eouri of the Univeraitu is conductiv; tho project and has divon a etutusent of ita furpone which is quoted in part below: 23

The purpose of such atuiles is to develop fact: and metho is which mhy be useful in the soloction and training of persons for yositions of loncershly...

This efrouj hns asdo studies of the pernommel ead or* genizations of fraval zhure ontablishments thad o mumbor of commercial fimsera it plens to contlnue witio detaliod studlos of tio persomel and orcanization of a considerebla num ber of anall Heval vessols axi alperait squadrons. vanil vesnela have boen chosen a fiolds for istuly because a ireater
 the objective of these investicalions ares to $\mathcal{C L n}$ out. (2) what loadors do, (2) what offoct locdery hevo un theiz organktations, and, (3) what eloments, other then the loadera' qualstios have affocsos tho organdzatiuns.

If the irojoct is sucueseful, it ahould do wuck toward 1dontifyin: anc isolsting the qualitios wistch liake for good exocutive ablilty and in providine improved moan fom moanur ing t.one gunllties. An additinal or concamitant prodict of

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the program under those circunstances would be accurate objective criteria of executive performance.



## Poblivi II

Crapter 4

##  <br> cone riafly \#evy "o ome

Infomation is not avalimis as to nxactly wand the fomal wrdtten inavice seting vah flrat pat into uaco in tho Mevy. However, the 1392 gevort on the Pitnes of offlcers siom iu hppentix If en oxemplo of ono of the carliest Nevy forms. It constitates mute ovicence that lieval authicri-

 interestan, Rat pertaye a littio fiteouragint, to moto the
 neab reajort now in ase in the Mevg. It indiantes thet groypers thente flela hist been 120 findoed.
 of offleara proved unaktornetory hnt chenco ore wedo froms

 tios rocoraing of conallernsiy more in the ney of sntailad ana







## 4) n N

A. wahmers
Nasal thial plual enal























But muat swalify tho "Wxceliant" by odding tion oypiopritto numeral botwoon "3.5" and "4.0n. Tho quallrylng musernle to bo usod with "Vary Good" were " 3.0 to 3.5 " wth 20 sater mumorQ a lown to and inciuilne "on esaicneaf for umo with tho loas favorabie avaluative Emma.

In e lottor to the writer, ir. invorotu u. Mrundege of the Surents of lieval Porsonnel wrote: 2
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numericnl motinge on seale of 0.0 to $\$ .0$
wore niroted usous. A cenornl "aptitule ror
the service reling taa also in use, \&nt so
wore the queaticna on ettitud tusasd tho
towart his bearm prozoted. Later chan.es in
these queztionw vore toward incronao? quan -
tifloation. Tho number of secisilc ratirika
[traite] varfou artor 1017 srom 9 su 2010 to 10
in 1021-1924, docreasin, to 24 in 1083. Hote
that in 19 ese there wore dicrerent [ratinv]
forva for aep ant shore duty. In cenergl, tho
aevies of fumat chan ea in the reports indi-
cate an attemyt to foree more socurate and os-
joctive ratime.

The Prabert Iavy Fom
 the formidable titlo of the retinc dovica in curretat una in


 ever, no tho instructivms 1n vo the wiatribution ame romojy hurtetory not manlatory. Dpace por tho umuel Lionrayhicad diat is provided et the top wis the nheet topethor 7 thin spaco








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Sop the rutoe to inlicate his proforumce fos nout Juty, and curthor down tive posp, for the reporting senion to the ho h recomorietions on thet shibjoct.

Also locetou in thin top bection is n requiromont for the retee to indicate ins knowleda, or lack of it, as to whether ho is gualiciod for sea luty. Shas refore to physical qualiflcatiums. Mhis ontimsto by a lajunn, and not a
 jinion or the writer. ircept blors tho ofileer lina beon taken 121 auddenly and las not hai sil oppoitunity to week the folp of a Mavel hocicel officos, informtion nopo reaiebie then

 nore objectivo meuna shculd not to 11 stell on reting scanas. The next Bection provides ample space fos roporting

 san's opinion on phytieal pltacea 1 en roquited.

Lookincs closely at the Faticu veade portion of tho form WC see that it is abisevieted onewhat ans ia wot completely of tise descriptive tyye. Rareover it has no provialonia fur

 10mity of tho seacriptive genia arat the nood for rintuizang tis10.

## e.


























an Indication of the reporting senior's attltuado tonard having the ratee under hia comand. The next soction belon this is designed to detemine his feelings toward pronoting tho rateo. There is also sone attempt made tomara evelueting the ontipe fitneas report by socuring a grough sstimate of the number of officers considered by the retor in setting his standurds. Proceeding with the exmination wo find a provision for citation of comandatory or alverme material, sjace for a gonoral ovorall ovaluation, and a apace in which the rator suat indicete thetier or not the ratee has seen the report.

Physical mankup. The complete form is male up in a packet of four sheots with cerbon paper betveen the second and third and betvean the thisi fand fourth whoets. The firat pege carries on its face the instructions to the reportinc sonior and on 1ts bacis a ropllcu of tho complete rathis form to be used as roueh work sheot in making the rating. The second shoet also han a complete ratins form on lt mile the third has only soctiwne 1 through 6 and the foupth peso shows seotions 1 through 5 . All sheets reçulre the algnaturen of both the rator ant the ratoo.

U8e of fum. Non the mier is satibfiod with the ratm ing he hey sode on the workhoet, it is trenserived by type-
 ara affixed. (It is clistomary, thougit not egsential, ior tho petee to sich the forme beform the rutinj is she since his signature cortifios only to the comectioss of the information

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ho has contrioutod to tim fomp) Ths nomb atop is tie mat2Anj of the accont min therd ghents to the lureau of Navaz paraonmel fur much processing, filini, ant aubsequent ovaluation or consuitititun es mat wo zoncirod. Tho fuarth packe bom comos tho property of the ratee when his ro, ort iv melloct to


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 excopt turt vixicis in detaraimaze by mora osjectue msans fhow－ －veッ，see ztais（0）trad（a）below）．

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(d) The fora presents the atrongthe and weokneases of the rateo in an amiytic and easily underatandeble form.

The Navy's reting syatem leaves much to we deared, however. Chief atong such conaiderations are:
(a) No provision is mado for rater training, an omission for which the excellent inetruction sheet cenaot compenaste fully.
(b) Tie rating relies on judgement.
(c) The design of the rom does not pormit roid and accurate sorting, tabulation, ond ovaluation of the ata by machine.
(a) The form attenpts to olleft information on fhysical fltaess walck ia ore nceurntely loteminable by otizor means.
(0) The form bivo precious space to the recording of the prates's preference for next ciuty, a bit of thrometion gleo furnished to the tureau by the retee entiuslly, or more ofton if preferonces chones, on the orgic.n' MrA CANS MAVP: $75-340$ (xev. 7-46).
(f) The rating sculo ia aubrevisted mad not completely of the descriptive type (1a this respect, the ratimy meazes of enclier Havy forma se shown in Appondix C were superior to the prevontly used one) and te provide no safoguards ageinat the halo effect or rater's bian.
(e) The fore makes no provision for aseletime the reporting semfor in preparation for conluct of the post-rating

## 6






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interview with the ratee (sec paro 66).
(h) The rating yrocedure does not provide ioz the ratw Ing belng sede by the auperior who hes the most complete fnowm 2edge of the rateo. Instond, thise ia tio prerogntive of tho commandigg officer wha, in a lame commend, mey have only the taost auperficial knowled of the soteo.
(1) The ratim; proceduro and the forn mato inaufficiont provision for the dicerence in duties nnd qualitios roçuired of officers, dependirag on shothes thoy are of the IAne or Whef, whethor thoy are spociallsta -ithin those catogorias, of whethes they eso in school or endaced in the duthes of their respective cleasifications.
(j) The procedure makes no proviston for corxectino or a justinc the narkings to comenante for the tondency of some ratexy to mar's high and othern to mark 1 ow.
(k) The ratimg procedure makes no provision for either the avoragine of the ruting wade by Boveral waters or the mom view ht hicher chelona of ratincs mado at lower echolona.
(1) Thome is no provision for wotins the jutor.
 11ab12:ty ans producea an oxcesplvoly nkewed distribution of acores.

## The Aray fiating Form

As hes been mentioned, the fray uaes a form known as the "fozeed chofen" ratin coma. 5 Samploc aro shown in Appondix F. Mas most conspicuous fentures of this dovice are,










 coto









Sbargac
Moh shyfine mell ar



(a) the forced choice itema and, (b) the provialon for porfowing the marking dipectly on anchino scoreple sheot.

Lookine at the sheet, we find it entitled EFFICRMCY Mryon whth the adartional identirication symbols at the botton of the pago of lin - A00 pork $07-1,1 \mathrm{JuI}$ 47. The wipler half of the first sheet is occupter oy the blographicnd section, followed about sidpace by coction B, a space for a general overall ovaluetionsi stainant by both the retere and the ratine reviower or intarser. Mext, In fection $C$, is a list of nime important oltumilons with apnce for the matio officer end the indursing officer to inhlente thair atticuidea toward Leving tho rateo sorve in them. Following thin are apaces for recomendations by the rater and the indurser for future duty
 terided to 3 termine wirt experience with the zetee the mater uned as a basis for his juagomonts.
The reverse stio of the tirst sheet is blank. It is resorved for the uso of the carons section of the fras and "ervices of the sepertinest of the fimy.

Tizo blugrajutce? Anta are repeated on the seount sheot followed by the first section of forea ctrolee items, section IV. Those itoas are intendot to nosampe the miteris julgenent of the rateots job yroficiency. Soctiun $V$ of this shmot,
 ments froa retar ani inlorises as lo which of a liat of noven specific posilions the rateo 2 a, op would be, soat proilciont








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In and which is the second most suiteble jou from the point of view of hif proficiency in it.

On the reverso side of the second sheet there are two sections denigned to determine the personni cualifications of the retec. The first of these, soction VI, consists of forood choice items. The othor, soction VII, lists aix porsonsl quaiffication itemeith spoces for the rater and indorser to indicete the degroe to mich the ratoe exhibita ouch.

Finaly, there is an attempt to dotermino there the rates ataris, In the opinion of the rater, relalivo to the other orflears of lis rank who have boen rated at this tice by the ratar.
physicai makouy ond use. Tho Arug ratiad forta is a learlet of two peyes with dimenalums of gincties by 11 inches and arranced to open from ti:o richt od c like a bouk. It is not - quipped With caribon poper but its conetraction nekos it oars to insert a plece whon typing in the hiographical deta, the only ontries which require duplication. As montioned en-lien, the sheets are macine scopmble. Thus, if the mariking is perm formed witn an "electrugraphic pencil" an proscribed, the roports may so acured by sechine without further processing.

There is provision for the signatures or both the rater and the indorsine officer but not of the ratee. Moroovor, there is no regulrement that to be shown ins reting. It is true thet the moning of the merisings on the forced clrolce sections will be known only to the posecssor of the acorini; key in tise

## 54

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Lajutant Conorals office, but certalniz the rateo could proflt by seelnd the matinge ande on coctions $C, V$, and VII Le theso aro meroly grephic mating senles.

The rorce chofce theory. Elsson mother thoroh his described end discusned forced chafce items, the theory underlying thea, ant the nethous employed in thein construction. 6 Only a briof treatsent will be atteapted heso.

Developers of the forced cholce techniquo reasoned thet if itene coula be offored to the reapondent in peirs, so chosen that ecoh appoarea equally aceeptable or unacceptable, an: further, if those Ltens cuill be so selocian that cholen of one vo ld bo an indication of the precrace of one quality or opinion and chuice of tion othas monld indicate enothar quality or optuton, then thez mouid have a deviec for zensurima qualitios os oniniona which could not vo controlina by the res,ondeat. The fact that althumh bota ferm int the apper to the reaponiont to so irrelerant, ho must nevertholoss make a cholon, gave the thethor its name.

To improve the rator's attitude tomerit the device, tho Army matine designors catereat to the desira of poople to speak well of others if poselble, a lestro thich lom to a tendency in rating known as "Gonorosity orror". They arrancol their Itear in tetreds of two ravurnhie ras two unfavare io statements with the provision that the reter muat ebwoac only one statement which is mont like the ratee mat a Beconi mifen in Ient like him.

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aho deta as to the apparonti fovoranloness or unfavarablanoss of the itons und thoir discrialnatomy voluo are decorm:ned by omp1r2cal zothods.

Sorat analyson of Aywe intings. Tho oxtensive testing which was done in connection with the lesign of the Army sat-
 roxults which led the Investizators to concluse that the new form was tive "most vallan7 of thone testod nn! firtirer, it Wes "clonrly superior" 8 to ti.e ollor form it mas desicned to rorinco. It is undikoly tint ony organdmationg fisivato or militazy, will attomgt so oxtorivive a project in tho forseem

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The oriteriun group res outexaod by two sociozzetric Eethos diecussod in the precedins chapter era ocnisstec of
 difiorent devices inciudine the Amy foms then preseribed for
 forcod chosco dosigno porm C7 2 m describod wether cormpetely by Siason but Lu Genosnl it was moroly nn ovaluntive mophio scmie. 0 Correlstions of the sesults prompteathe comaluntone noctloned nuove but nume of the corwaletions wero as lifeta az
 chocio 11at ratirig staioa, (ses procedins ciantor). It in onzy faly to ald, rowever, that tise vellditios obtained y: the / ymy

## 84











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Investigators vere based on anormously grobter number of cases and that, witereas tha Army oxperimentors inne 1 buldy patings as the oritorion, hoth Probet and Enaft usod mupervisorst fudzonent. It soand likaly that gupervisors' juisom mants would correlote soze clasoly ith rabings wacke by super-m visorn then with buday racings.

Hore recent etulles of wetinge obthinad with tho new fray form have rielied the instriblation curver prowented in
 tholato ss ahom by Sisacm, 11 tho forcod choico ratimy fives - Blightly bettor apyroximetion of the nomal distrifution then the forki 67 Which it replaced, tivan wors recont stumtes reveal that it folla fen ahort of ottelining the lhem, normal aletribution.

Deluntion. The chrrently ued hay form has eoveral points of apperiowity. Frincipel omung those aro:
(e) 「y "diaguisimg" the seture of the manke beinac fiven, it rinimises the sbility of e binned rntor to make on unculy uinsed report.
(b) The form is denicned to minimize the 20 aow rotulrod to prepare it, to mark it, ani to ncore it.
(c) It providon for revien sue intornenont bo hither authority.
(a) The procodure provides that the ratien's Amsediate auperion wil2 porform the metinc.
(e) Ho stempt is mede to sencurn qualition which may











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bo bottar determines by mose objective moans.
(f) The form provides a menns to inticets the basis on shich the ratilu was rede, thus affording information to ala in evaluating the moting.
(c) who volizzty is sumerior to that os tise ovnluntivo ratimascelo.
(is) mion Unturduution of scoses produco by tho forcod

 In particuler, the porced choleo form nauses rowe patinge to Anl: into the "avorabe" and "bolow averngo" zones nat thoreby diacriminatas batter botwonn officora in tho lover end of tho diatrisution.
mo Army's rating syntern hes aumbor of shortcomince too. The Joro importent of thesw are:
(a) Thas is incumplote provision fom nn inilcotion of the Gtrun, ofnts snd woulnessos of tho retoe. Cortein portions, "octions $C$, $\%$, anl VII, of the ratine devico do show soac information of tivis inka but the two aectiong of forced
 retar.
(b) There is no provision for diocusain; the matins rith Ele retoo or for certirgine to hian thet tion retine has

(c) Whare is no provialon for metna tho ratema,
(d) Tin retinn form onl procodure maico inaurficiont
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provision for tho difforenco in dutios bul qualitien required of officers leyenling on whethoi the: are ut the line or tetaff,
 O2. they are in school or emirgot in the futies of thein respecm
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V. Acceptance of Personil Rosponsibility.
VI. Proficiency in Duty Military Occupationni Specialty.
mithin each arva of proflciency are isated apeciric observable behnviors, ench divided into five logrees of competence with each docree indicated by a one dicit mameral and a short descriptive atatement. These speciflc observaisle behaviors aro arranged in a colum with the deceriptive statom monts and numorala jlaced alonis ine opposito achas in a graphic reting ocnio. Thus if the zater, whilo considering the performance of the rateo fin one of the sfeniricent areas, observea behavior mifich may be described by one of the phrases provided, ho mavis the alelt over the statemant. As thle process cuntinues throu,hout the yeriod betwoen ratinge, a body or fiffomation bibat the yroffesency of the retee la bunt up besed on lis observed behavior. It is recorded in terms of the numerals "ith the flyuro "1" inlicating aintmuan competence and "g" indicatint neximum proficiency.
then the sate for propering the fomal ratint arives, the marks in the booklot are transforred to spaces provided on the retine sheot witch is a condense! graphic rating scale. The scorin, is done by hund on this sheet, treetine the rankis Whth the prescribed woighta.

The reting shoot. The reting shoet, visch ia ontitied
Neport of officer ffectiveneas, provides spece for data othor than the aumarized oliservations fron the work booklet. There

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1s, of course, f place for cortain nocesaery bic;raplicni in-
 ono helt of the pago) sor egnernl overall evaluationni repors. Noxt is erpovision for the mpecilic, formojo dalegam tion of the retiny uty by the commanilnz ofrlcen to nome other officer totether withe atetemont of the reamon for auch delezution. Than makes it poseible officially to nem sicn the roportind duty to tisu officor with the most acioquate imomledus of the ratoo. Folloving noxt is n piaco ror tho signeture of the reportirc offleer (rator) and the combunt and signature of the indoralng officar.

The roverge 日lile of the sheot is EAvan ovor to a rem stutomont of the six si-misicant arnas of proficinncy Eitls
 doscribes in tho proceding troatrient of ilis booklet and ita
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Svaluation Tho atrengtis of tho syetom lies in its une of the work zooklet to rocost ctuel obsorvations of sikrificont Shheviors os they Dceur. It is, in offect, a comprohensfve grayisc rating acele af tho doucriptive tive -1t! the
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## 251.


























 the froiltion of inman momory and securiab a zuting on tho fizm basis of actual observed bohaviors.

The deaigners bave remozted aylit mavea zeliaullity
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Othos advanencos of thin oysties trolidie:
(a) Ifindtation of the rating to çuadtion elisch cammot bo dotermined more eccurately by hore owjoctige wnan.
(3) A desich Ntich pomita quic. Eus uaきy trenafor of





(0) Provialon is bla made for a athtocotit of the rateo's mpocialty.
(f) These is provisiun $10=$ foznel delegetion of the rat2um rosponaibs11ty.
(5) Ans finm 2ly, thero is provision for thas roviom and hiviong ment of the rating



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current s work booklet on onc. of his afflcar athontinntes.
 booklets Bra rolegatol to the seniorts dosk drawor to to pulied out from tine to etme sird brur ht "up to tota" by tise prom ceas of recallins incidente to rocord. Although this practice underminos the plan to a considemblo axtent, it is probaisy better than the tochnique comaon in most ratixs plens in whech the reter aite dovn once in three months of six monthe, or whatevor the rating inturvni may bo, and attampts a juagerant based on what he can recall of hea observatsons of the ratee curing the intervil alnce the lat roting.

Oti:er alsedvanteger of tile opotes ore:
(a) There in no provislon for sk:ovint the ratee kis
ratine.
(b) There is no proviston for cortinging to tha ratoe that his watime tea been eubattod to hoelquerterp.
(c) The rating fom in not ieulereat to trive neventrio of modem mathone met odn of scoring, zarting, taviatlon, and - valuation.
(d) The syates does not provido for rating the raters.
(e) The syotors does not smliceto the kint of oxporiance
 menti. That. 1s, one cennot tell fron the ratin. thether the
 untion, or in an operetionai poeltion.
(i) The retinc procelure and the tome twhe no silunatice

## 61


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for the ulffornca in dution nn: qualitien requiaen of orri= cars leperdine on wiothor than ere of tho Line of the steris
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 Gexts of hom effective cind ineffoctive officers hnd peted in pswticular zilitexy e:tuotions..."14 zave eutomoticeliy accounter for difforoncos in the dutios snt quelitios reguree of varoous ofrlcera.

Tho Narkic Corps Resind Form

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 Ins Irou "Unastiantactory" to "Outatendere".
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(a) hny acvorse teapamantal, moral, or phyaicnl oharm octeristice which the retoe misht heve.
(b) Any other derozatory infowsetuan wheh the retar may have on the ratee.
(c) The rateria attitude tomard haviug the ratee under his cumand in whitito.
(d) the raterts antiato of the rated's "General Value to the larvicen.

There 14 niso spece for ony additional porthinent friformotion or compont not covered elaembero in the report.

Anelyais. Necently the Rendquarters of the Morino Corpa begen a projoct of reaberch, 15

> ...denifug With the revision of woti orricer and noncomisul oned officer fitheas reporta with view to isprovewent of thoso currentiy in uac.

Procoeding with tho portion of the projoct concerned with the officerfitness report, the invertigetore constructed six affferent types of retines dovioes besed on anmyle rating forma
 and fron thirty laading comsercial concems. Uusine theso nis dovices and the ofricial krino Corps form, conparabio retinga were obtalied on a population of 37 C Marine officear of very12. renk with nos other Harine officara of varjing prokn actlug as rator. The project plane onil for correlntion of thene ratinge with bucay rating of the 376 aubjecte us a critorion.
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## Chapter 2

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It hae boen conclualed that the most prowising possibilition as types of nev Mry orricer's fitneas roport are the forced chuice rating end the probst checi ilst device. A third, pertays amomhat leas oncourngint, posaliulity is an Emproved eraphio ratins acelo incerporatine all tho recommondod fenture for increasibs objectivity ond resistance to halo anc raterts bins.
fotated in the preceding cbapter, neither the forced cholce device nor the Probat obeck liut in clenrly the better In all respocts, nem nolther hes beon testod conclusively mainst a craphic scale of superior dosien. It is rocomonded, therefore, that the Dureau of haval fereonal experiment Vth a sealo of each of the three sypes especinil. conetwetof for lts weo. the three dovices shovis be tostod sfantane-
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collectinis this information and in achiovin its proper combe nation are boyone the soope of thia theala and comot be discuabed here. Suffice it to asy, however, that the impartance of the critemia in so rest that no practicable ofiort shoula be spared in carrying out this phase or the project.

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However, as discussed in Chaptor 1 of Phnt I, the efflclency evaluation has edditional objectives. It will be romembored that suporvieor ingrovenent is one oj joctave, Irprovemont of the ratee is another, while niding 14 the mantenance or morele and disofpline completes the liat. Nnximum nccomplishm ment of the rapst two of theso wlla requilro that than frathak we In wowe adily undoratood andytic form, wheroba an overall score ndeht bo satiaractory for tito leat nemed purpose.

If efthor the check list orv the tuprosed gre hic senie proven to be the soet efriciont, and consequently is shopted, the requipement for a diaylay of the ratoe's quallites montione od above will bo rut. The forced cbole fores however, would not provide the dobired dimplay. Thould the forced oholce




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rating be adopted noverthaloas, provision should wo tade for on additionel retime iom purposes of amalyis, on umnphic Ecalo thich tho rates coula shot to the "ッtoo ens inscuss With him.

## Second fecomaendation

If tho inset rocommondetion ia not coasiblo, tho lebs oxperbive (ans also loss conclusive) plan mocontly onlojod by tho IErine Cospe, Bn! doecrived horequ, mivula be rollowed. The roting dovicos of the Army and the Ar Folve, sultroly edsted to 014minate obviously inaplicable itema, shuide bo testod elth Br Improved Ernphic ncalo andnet inyroved cram toria. The moet offoctive dovice from this tost eroup shoula bocore the now Wavy officerto Iltness report.

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Lver if it is impracticable to congicloz altorint the basic fentures of tice prosont mating sybtem, it would be a distinct stop formard to proptro and juace in sosvice en imm proved ermanic zonle. It wruld wo ossontinl tiat Ilmitod testh to detemino roliabllsty be perifomed bat tha redurrom mont fos validity must bo not by ofvina tho scala maxinum Pene yalidity surzn: dosien and construction.

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## Infomanton to le EILeited

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## APPENDIX A

SAMPLES OT TYPES OF RATLNG FOMMS



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## APP ZNDIX B

Ail JaRLY NAVY GAPING FORU

## Report on the Fitness of Officers.


\& 1 Inver. ETrinh.

stritirn ii deuty.
(4) Picill covered by this iepoit. ficm $t$ 18

1. Ability to commamu.
2. Manucer of preforming dities.
3. General coneluct.
4. Sobriety.
j. Health.
5. Condition and efticiency of command.
6. If any xpecial duty hus derolved mon him, state its nature, and how it wns perfomed.
k. Remarks.


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## APPENDIX C

A LORE RECENT NAVY ruTING FORN.
c
12. To what degree has be exhibiled the following qualifications? (Each line is divided into four main divialona, with a definitiou below each division. Consider only the definition below each line which accurately fits in regard to the aubject. Having decided which definition is mont auitable, place a check mark at the grading aiong line to which the pernon being marked fientitled. A check to the right of the doubie vertical line will be considered as an unsatiofactory (unfavorable) report.)


REMARKS
13. Give in this space: (a) A clear and concise estimate of this officer's personal and military character, (b) his fitness for promotion, (c) any duty performed wortby of opecial mention, (d) also any information which might be of value to the department in makiog asaignmente to duty.
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## ..FPENDIX D

PREDUNT NiVY RATING FORM

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| RATIHG FACTORS |  | $\begin{gathered} \text { Not } \\ \text { Bbsorved } \\ \hline \end{gathered}$ | WIThin Sottom Botrom 16\% | $\begin{aligned} & \text { WithIn } \\ & \text { Next } \\ & 20 \% \end{aligned}$ | $\begin{aligned} & \text { Within } \\ & \text { Middla } \\ & 40 \% \end{aligned}$ | $\begin{gathered} \text { Within } \\ \text { Mext } 10 \mathrm{D} \\ 20 \% \end{gathered}$ | $\begin{gathered} \text { Wlihinn } \\ \text { Yod } \\ 10 \% \\ \hline \end{gathered}$ |
| A. SEA OR ADVANCE BASE OUTY <br> How docs this onfleer compare is: NOTE: TTEMM (AB) TO BE MARKED FOB ALL OFFICERS. | 1. Standino deck watures undervait |  |  |  |  |  |  |
|  | 2. ABILITX TO Comacandi |  |  |  |  |  |  |
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|  | 5. PERFORMANCE AT Battle station or in battle duties? |  |  |  |  |  |  |
| b. INITIATIVE AND RESPONSIBILITY <br> How well does this omeor: | 1. $\triangle$ SSUDLE RESPONSIBLLITY WHEN SPECIFIC INSTRUCTIONS ARE LACEINO? |  |  |  |  |  |  |
|  | 2. OTVE FTANK OPINION8 WBEN A8KED OR VOLUNTEER THEDT WEEN NECESSARY TO AVOD MISTAKES? |  |  |  |  |  |  |
|  | 3. FOLLOW THPOUGB DESPITE OASTACLES IN CARBYINO OUT RESPONSIBLLITIES ABSIONEO OR $\triangle 89$ USIED 1 |  |  |  |  |  |  |
| c. UNDERSTANDING ANO SKILL How well does this omeer: | 1. UNDERSTAND INSTRUCTIONS OTVEN, AND USE 8UOOESTIONS OFFERED |  |  |  |  |  |  |
|  | 2 ExERCIBE JUDCMENT |  |  |  |  |  |  |
|  | 3. RATE DN TECENICAL COBU'ETENCE IN HI8 SPECIALTY. IF ANY? (Namo SDeclaltg) |  |  |  |  |  |  |
| D. LEADERSHIP <br> How woll sooe thls omeer: | 1. INSPIRE QDBGROINATES TO WORK TO THE MAKIANMM OF THEIB CAPACITT |  |  |  |  |  |  |
|  | 2 EPFECTIVELY DELEEATE TASKS AND AUTHORITY |  |  |  |  |  |  |
|  | 3. TBANSIMT ORDERS, INSTROCTIONS, AND PIANS? |  |  |  |  |  |  |
|  | 4. OROANIZE HIS WORK AND TEAT OF TEOSE UNDER EIS COMMAND OR SUPERVIEION |  |  |  |  |  |  |
|  | 5. MAINTAIN DISCIPLINE ASOONO THOSE UNDER BIS COSMYAND OR DIRECTIONT |  |  |  |  |  |  |
| E. CONDUCT AND WORK HABITS <br> How does thls ofticer compare in: | 1. $\triangle$ BILITY TO WORE WITH OTHERS? |  |  |  |  |  |  |
|  | 2 ABETTY TO ADAPT TO CHANCLNO NEEDS AND Conditions? |  |  |  |  |  |  |
|  | 3. mTLTAART COMDUCT-BEARINO, dBESS, COUBTEST, ETC. 9 |  |  |  |  |  |  |






## IMPORTANT INSTRUCTIONS-READ CAREFULLY

## GENERAL INSTRUCTIONS

The attached revised Officer's Fitness Report is to be used in place of the old forms, NAVPERS 310 and 311.
This form serves the following purposes:

1. It serves as a report of fitness for all officers both afloat and on shore.
2. The first carbon-(Page 2)-keeps up to date in BuPers the Officer's Qualifications Questionnaire, which provides the Bureau with information covering each officer's previous experience and qualifications for various types of duty.
3. The second carbon-(Page 3)-provides data covering changes in the officer's qualifications and is to be filed in the Officer's Qualification Record Jacket as an aid to Commanding Officers and Personnel Officers in assigning him properly.

This form is to be submitted semi-annually for all officers and in all cases of permanent detachment of either the officer or reporting senior. Special reports of fitness on an officer, on the prescribed form, shall be made whenever the officer reported on:
(a) Distinguishes himself in battle.
(b) Performs an outstanding act of valor or devotion to duty.
(c) Displays extraordinary courage, ability, or resource in time of peril or great responsibility.
(d) Is guilty of serious misconduct or marked inefficiency.

A typewriter is to be used when at all possible in filling out Sections 1 through 6. Since $96 \%$ of all finess reports received in BuPcrs are typed, the form has been constructed for that type of proparation. Care should be exercised that the carbon copies are !egible if a typewriter is not used.

## INSTRUCTIONS FOR REPORTING OFFICERS

In deciding on promotions of officers, Selection Boards must, in effect, compare an officer with others of the same rank rather than with more arbitrary standards. You will note that in Scction 7 and subsequent sections you are asked to do just that - compare each officer with all others of the same rank and corps whose professional abilities are known to you personally. Please note that the officer is not to be compared only with the others of his rank now under your command. For this reason, it is important to indicate in Section 96 how many officers are included in the group you use for comparison.
In making this comparison, keep in mind that the group of officers whose professional abilities are known to you personally (or any other group of people) will fall intn a nornal distribution when graded on any trait or factorthat is, there will be a small number at the lower end, a larger group in the middle, and a small group at the top. With this curve in mind, compare the officer with the group
and mark him on each factor in Section 7 as fallung in one of the five brackets-the lower $10 \%$, the next $20 \%$, the middle $40 \%$, the next $20 \%$ or the top $10 \%$. Do not hesitate to mark "not observed" on any factor which you think not applicable to the duty' in which you have observed the officer or in which your observation has been too limited to warrant judgment.
No entry which is made in Section 7 will be considered an unsatisfactory report. Only adverse comment in Section 6 and entries so designated in Sections 8, 9, 11 and 12 will be so considered.
An unsatisfactory report must be referred to the officer reported on for his statement which is to be attached to the report of fitness. In any case open to question as to what constitutes an entry of an unfavorable or unsatisfactory nature the officer will always be given the benefit of having seen the report. (See Articles 1701 and 1405 Navy Regulations, and BuPers Manual Article B-2202.
The Bureau desires that reporting seniors make every effort to show each fitness report to the officer reported upon and to discuss it with him, in so far as practicable. In this connection please note the instructions in Section 12 which provide that statements of a constructive nature which refer to minor imperfections or lack of qualifications do not constitute an unsatisfactory report. On every report of fitness, the reporting senior will indicate under Section 12 whether the officer reported on has or has not seen the report.
The reporting senior will sign all three pages of the report in the lower right hand corner, or will sign the original and designate a commissioned officer, preferably senior to the officer reported on, to authenticate Pages 2 and 3 in lower right hand corner. The officer reported on may sign and retain Page 3, inserting same in his qualification jacket, if he is geographically detached from the reporting senior.
The Officer's Fitness Report (Page 1) and the Officer's Qualification Report-BuPers Copy-(Page 2) are to be forwarded-not separated-to Bul'ers. The Officer's Qualification Report-Jacket Copy-(Page 3) is to be detached and filed in the Officer's Qualification Record Jacket.
Fitness Reports are to be submitted promptly and their preparation is one of the most important and responsible duties of superior officers. Failure to prepare them objectively is detrimental to the efficiency of the Navy. If not submitted promptly, the rights of the officer reported on may be prejudiced. The fitness of an officer for the service with respect to promotion and assignment to duty is determined by his record.

## INSTRUCTIONS FOR OFFICER REPORTED ON

It is your responsibility to fill out Sections 1 through 5 of this form and to sign all sheets in the lower left-hand corner. Submit the form to your reporting senior at the times specified in the General Instructions ahove. Use a typewriter, if at all possible-if not, use ink, but be sure that all copies are legible.

APPENDIX E
ARMY RATING FORM
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## READ INSTRUCTION SHEET CAREFULLY BEFORE MARKING THIS SECTION

## Section V. JOB PROFICIENCY



| A. Pcople work for \& with him because of his personality. | A. Lacks ability to inspire con. fidence of men \& ollices:. | A. Pien!y of mililary snap, bearing, \& nealness. | A. Oblains respecl \&obedience without causing resentment. |  |
| :---: | :---: | :---: | :---: | :---: |
| 5. Never rank-conscious. $\sim: \vdots!\vdots!n$ | 8. Easygoing. $\begin{aligned} & \text { 交 } \\ & \vdots \vdots\end{aligned}$ | 8. Normally cheorful. ni: | B. Lacks aggressiveness. | :: :in |
| C. Thinks only of himself. | C. Type of man everyone likes for a friend. | C. Can'l take criticism. | C. Has an excellent command of language. |  |
| D. Worries a greal deal. $\quad \vdots \vdots \vdots \vdots$ | D. Has a quiet, dignified bearing. | D. Doesn't sel along with people. | D. Lacking in good conduct \& moral habils. |  |
| A. Active in athletics. | A. Holttempered. | A. Modest \& reserved. | A. Coolheaded. |  |
| B. Firm but nol overbearing. | B. Fails to demonstrate originality. | B. Doesn'l have drive or force he should. | B. Commands respect by h:s actions. |  |
| C. Egotistical. | C. Reserved. | C. Anlisocia!. | C. Overbearing. | $\mathcal{O}_{1:}$ |
| D. Rubs people the wrong way. |  | D. Respected by all fellow officers. | D. Indiflerent. | $\vdots \quad \vdots \vdots$ |
| A. Compliments a man on his good work. | A. Boastlul. $\quad \vdots \vdots \vdots \vdots$ | A. A quiet, unassuming ollicer. $\quad \vdots \vdots \vdots$ | A. İnmature. | : |
| E. Loses his head, gels exciled. $\cdots:!3^{!}: \%$ | B. Inspires pride in the organization. |  | B. Miodest bul not reliring. |  |
| C. Has admiration of officers \& men alike. | C. Lacks tact. | C. Has an attitude of superiorily. | C. Nervous. |  |
| D. Poor in deess \& appearance. | D. Thoughtful of others. | D. Tactlul. | D. Thoroughly cooperative in his work. | $\begin{array}{ll} z^{2} \\ \vdots & \vdots \\ \vdots \end{array}$ |

## Section VII. PERSONAL QUALIFICATIONS

Use ELECTROGRAPHIC PENCIL, following same dircetions as for Section V. MARK ALL SIX QUALIFICATIONS.


## Section VIII. OVER-AIL RELATIVE RANK for rater only

The number of officers in this
If these ollicers were arranged in order, considering over-all future usefulneis to the Army, from highesl (No,1) to poorest, this officer would be No.
grade rated by me al this time is of the total group ra:ed.

## Section IX. AUTHENTICATION

Use typewriter (exeept for signatures) or ink.
I certify that I have read the current AR 600-185 and that all ratings are made in accordance with instructions contained therein, and that
to the best of my knowledge and belief sll enlries conlained hereon are frue and impartial.
SIGNATURE OF RATING OFFICER
SIGNATURE OF INDORSING OFFICER

NAMME, GRADE, AND ORGANIZATION OR UNIT
NAME, GRADE, AND ORGANIZATION OR UNIT

- PPENDIK F

AIR FOROE KITING MORN BOONLET
( SANFLE UHEET)

| $\square$ | 1 | 2 | 3 | 4 | 5 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Unknown | Allowed personal interest and welfare to interfere seriously with performance of duty. | Made excessive use of the privileges of his rank to increase personal comfort or avoid inconvenience. | Accoptad minor personal inconvenience in order to perform his duties. | Subordinated persenal desires to the performance of duty. | Disregarded personat welfare and interests completely whan necessary for the successful performance of duty. |
| 41. COOPERATING WITH ASSOCIATES (See also I-11) |  |  |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 |
| Unknown | Refused to help or cooperato with an associate. | Cooporated only grudgingly with an associate. | Gave some assistance to an associate when requested to do so. | Cooperatod willingly with an associate when called upan. | Voluntarily assisted an associate whon help was neoded. |
| 42. 5HOWING LOYALTY |  |  |  |  |  |
| Unknown | Openly criticized a superior or associate. | Allowad a superior or associate to be criticized without coming to his defense. | Supported the policies or actions of a superiar or associato. | Gave credit to a superior for accomplishments of the organization. | Shared any criticism or blame directed at a superior for the mistakes or shortcomings of his organization. |

43. TAKING RESPON5IBILITY FOR 5UBORDINATES (See also II-26)
$\square$
Failed to take any re-

| sponsibility for the con- |
| :--- |
| duct and fair treatmont |
| of a subordinate. |


| 2 | 3 |
| :---: | :---: |
| Toak vary little responsi- | Assumed respansibility for |
| bility for tho conduct and | the conduct and fair troat- |
| fair treatment of a sub- | ment of a subordinate. |

$\qquad$ $\frac{5}{\text { Assumed full responsi }}$
Assumed full respansifair traatment of a subordinate.

## v. PERSONAL HABITS AND ADJUSTMENT

44. ATTENDING TO DUTY
Required constant prod-

| Worked just hard enaugh |
| :--- |
| ding and close super- to get by. |
| vision to kecp his atten- |

tion on his assigned
dutios.
$\frac{3}{\text { Showod satislactory }}$
4

| Worked hard and will- |
| :--- |
| ingly to achievo objec- |
| tives. |

Did extra work voluntar-

| ily in order to achieve ob- |
| :--- |
| jectives. | jectives.

45. ATTENDING TO DETAILS
$\square$
$\frac{1}{\text { Neglectod an important }}$ detail of his job with

$\frac{2}{\text { Neglected routine dctails }}$| of his work, slowing up |
| :--- |
| operations. |

Handlod satislactarily mportant satisfactorily the job.

Gave caroful attontion to
the important details of his job.
46. REPORTING FOR APPOINTMENTS

Unknown


Notified others when he appaintmant.

Made a spocial offort to
bc prompt in reporting for bc prompt in reporting for an appointment.

5
Kept an appointmant in spite of substantial personal inconvenience.
47. MEETING COMMITMENTS (See also I-3)

Unknown


Met a commitmen convonience ta othors.
 yand his control.


Completed an assignment ahead of time and moro fully than required.
48. IMPROVING EFFECTIVENE55 (See also VI-55)

| $\square$ | $\frac{1}{\square}$ | 2 |
| :--- | :--- | :--- | :--- |
|  | $\frac{1}{\text { Refused an opportunity }}$Ignorod an opportunity <br> offered him to improvo <br> his effectiveness. | improva his proficien <br> or potantiality. |

Accepted an opportunity a improve his proficienc
Was alert to an oppor-
tunity to improve his
offectivonoss.

Sought ant
Sought out actively an oppartunity io amproticiency and potontiality.
49. BEING FAIR AND SCRUPULOUS (Sug also IV-40)

Unknown Made an inaccurate
Made an inaccurate or dulged in a "sharp" practice.

$\frac{3}{\text { Was satisfactorify accu- Used a direct and lorth- }}$ statoment or practice.


## IV. ACCEPTANCE OF TEAM PRINCIPLE AND ORGANIZATIONAL DISCIPLINE

38. COMPLYING WITH ORDERS AND DIRECTIVES
39. COMPLYING WITH ORDERS AND DIRECTIVES
40. ACCEPTING ORGANIZATIONAL PROCEDURE

Unknown Violated an organizational
Was openly critical of and
followed only partially an
organizational procedure. Conformed without opon
criticism to an organiza-
tonal procedure with
which he had previously expressed disagreement.
Carried out an order or
followed a directive
promptly. promptly.

Accepted a procedure fully
because he understood
the necessity for organi-
zational control.

APPENDIX G AIR FORCE RATING JHPET



APPENDIX H
NARINE CORPS RATING FORVI

## REPORT ON FITNESS OF OFFICERS OF THE UNITED STATES MARINE CORPS

(To be eubmitted in accordance with Art. 137, U. S. Navy Regulations, 1920, and Art. 10-22, Marine Corps Manual)
(Name-Surname first)
(Renk)
U. S. M. C.
to
Period covered months, from
To be answered by officer reported on:

1. Regular duties $\qquad$
2. Additional duties $\qquad$
3. Wife's address
4. Name, relationship, and address of person other than wife to be notified in case of emergency $\qquad$

## To be answered by reporting officer:

5. Reporting officer $\qquad$ (Name) (RanI)
$\qquad$
6. Method of rating.-When rating this officer, consider carefully and keep in mind the following definitions, taking into consideration his length of service, the opportunities afforded him which might have a bearing on his performance of duty, his personal characteristics, and professional qualifications:

UnSATISFAGTORY.-Inefficient; below minimum standard.
Farr.-Satisfactory; passably efficient; up to minimum standard.
Good.-Average qualifications; efficient, but to a less degree than "Very good."
Verx GOOD.-Above average; efficient; well qualified.
Excellent.-Highly efficient; qualified to a high degree.
OUTSTANDING.-Superior; exceptionally efficient; qualified to a preeminent degres.
NOT OBSERVED.-To be used in all cases where the reporting officer has bad insufficient opportunity to observe: the officer reported on during the period covered by this report to permit a rating as to performance of a particular duty, personal characteristics, or professional qualifications.
7. Before making out this report, decide in your own mind on an actual officer in the grade of the officer now being reported on who, in your opinion, based on personal knowledge, is the outstanding officer of his rank in the Marine Corps; or
Decide in your own mind the character attributes and professional qualifications which the ideal officer in the grade of the officer now heing reported on should possess.
8. Considering the officer reported on in comparison with your ideal (7), and having in mind the instructions under (6) "Method of Rating", indicate your estimate of him by marking " $X$ " in the appropriate space below.

Performance of duty (based on fact):
(a) Regular duties.
(b) Additional duties
(c) Administrative duties.
(d) Executive duties
(s) Handling officers
(f) Handling enlisted men
(g) Training troops
(h) Tactical handling of troops (unit appropriate to officer's grade)

9. To what degree has ho exhibited the following qualificatione? Consider him in comparison with your idcal (7), and indicate your estimate by marking " X " in the appropriate spacc below.
(a) Physical fitness (physical stamina; endurance under hardship, adversity, or discouragement)
(b) Military bearing and neatness (dignity of demeanor; ncat and smart appearance)
(c) Attention to dnty (industry; the trait of working thoroughly and conscientiously)
(d) Cooperation (the faculty of working in harmony with others, military or civilian)
(e) Initiative (the trait of taking necessary or appropriate action on own responsibility).
(f) Intelligence (the ability to grasp readdy situations and instructions)
(g) Jadgment and common sense (the ability to think clearly and arrive at logical concluвіопв)
(h) 'Presence of mind (the ability to think and net promptly and cffectively in an uncxpected emergency or under great strain)
(i) Force (the faculty of carrying out with energy and resolution that which is believed to be reasonable, right, or duty)
(j) Leadership (the capacity to direct, control, and influcnce others and still maintain high morale)
(k) Loyalty (the quality of rendering faithful and willing bervice, and unswerving allegiance under any and all circumatances).

10. Has he any characteristics-temperamental, moral, physical, etc.-which adversely affect his efficiency? If yes, briefly dcscribe them
11. During the period covered by this report, has the work of this officer been reported on cither in a commendatory way, or adversely? If so, indicate subject matter and date
12. During the period covered by this report was he the subject of any disciplinary action that should be included on his record? If yes, and if not previously reported to Headquarters, attach separate statement of aature and attendant circumstances.
13. In case any unfavorable entries have been made by you on this or on a previous report, were the deficiencies noted brought to the attention of the officer concerned?

If yes, what improvement, if any, has been noted?

If no improvement was noted, what period of time has elapsed since the deficiencies were brought to his notice?
14. Considering the possible requirements of the service in war, indicate your attitude toward having this offcer under your command. Would you-
(a) Particularly desire to have him?
(c) Be willing to have him?
(b) Be glad to have him?
(d) Prefer not to have him?

If (d), explain briefly
15. (To be answered only when reporting on officers serving uinder revocablo commissions.) Do you recommend retention in the service after expiration of revocable period of commission?

Yes or no; if negative give reasons)
16. Remarke: (To be uscd for additional pertinent information or comment, if nay, not covered elsewhere in this report)
17. Indicate your estimate of this officer's "General Value to the Service", using the ratings apecified in (6)
18. Having in mind the special fitness of this officer and the efficiency of the naval service, I certify that to the best of my knowledge and belief all entries made hereon are true and without prejudice or partiality.
U. S.

## APP ENDIX I

OLOESALIT OR TWDES

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## APMonix I

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