

Low “Floss” Policy

and the **Top** **Feature**

of **Top** **Feature**

*The F-35 and Canada:
A Fighter Pilot's View*

The F-35 and Canada: A Fighter Pilot's View

Jay “Hoss” Ballard

Centre for International and Defence Policy
Queen’s University
Kingston, Ontario, Canada
2014

Dcmctf."Lc{ "ö J quu-. "3;85/. "c w j qt"
" V j g "H/57"cpf"Ecpfc<"c" l i j vgt"r knqvu" xkg y "l "Lc{ "ö J quu- "Dcmctf 0
*V j g "Enczvqp"rcrgtu="39+
Kpenwfgu"dkdnkqi tcrj kecn"tghgtgpegu 0"
Ggevtqpk "o qpqi tcrj "kp"RFH" hqt o cv 0"
KUDP";9:/3/7755;/582/5" * r fh+
" 30" H/57" * Oknvct { cktetchv ö Rwt ejcukpi ö Ecpc fc ö Gxenwcvkqp 0" 40" Uvgcnv j "
cktetchv ö Rwt ejcukpi ö Ecpc fc ö Gxenwcvkqp 0" 50" Ecpc fc 0" Tq{ cn"Ecpcfcp" Ckt" Hqteg"
*4233/" + ö Rtqewtg o gpv ö Gxenwcvkqp 0" K0" S wggp u" Wpkxgtukv { " *Mkp i uvqp. "Qpv 0" Egptg "
hqt" Kpvgtpcvkqp c "cpf" F ghgpeg" Rqnke { . "kuuwkp i "dq f { " "KK0" Vkvng 0" KKK0" Ugtkgu < "Enczvqp"
rcrgtu="39

WI33470E5D56"4236"*****57:06:52;93*****E4236/;28522/:"

I "Eqr { tki j v"4236

Contents

Rtghceg	xkk
Kpvtqfwevkqp	3
Vjg"Ewttgpv"Gpxktqp o gpv	4
Rc{nqcf/Egpvtke"Xgtuwu"Rncvhqt o /Egpvtke	4
Uvgcinvj"cpf"Y j {"kv"Eqwpvu	5
Tcfct"Eqxg\gcinvj"cpf"Y j {"kv"Eqwpvu	

Preface

Ecpcfciù"rtqi tc o "vq"tgrnceg"vjg" Tq{cn"Ecpckcp" Ckt" Hqtegiù" Eggv" qh"
cikpi" H/3: "Jqtpgv" lgv" I i jvgtu" ukvu" kp" nk o dq" Kp" Fgego dgt" 4234. "vjg" Eqpugtxc/

xkkk" Vjg"H/57"cpf"Ecpfc<"C"Rknqvuu"Xkg y

&3"dknnkqp"rgt{"gct0"Dwv"qpg"eqwnf õ cpf"uq o g"fkf õ rnc{"y kj "vjg"uq/ecnng f" övqcn"equv÷"d{"xct{kpi"vjg"pw o dgt"qh" {gctu"qh"vjg"H/57u"nkhg"e{engl"Vjg" Fgrctv o gpv"qh"Pcvkqpcn"Fghgpeg"fkf"vjku"y jgp"kv"rkvejgf"cp"ctvkłekcnn{"nqy" nkhg/e{eng"pw o dgt"vq"vjg" o kpkvgtu."y kj "c"rncvcndl" &38"dknnkqp" ɬ i wtg"vjcv"ec o g"htq o "c"42/{gct"nkhg"e{engl"Dwv"qvjgtu"y jq"rtqfweg f"tgrqtvu" qp"vjg"H/57"eqwnf"tgc fkñ{"o cmg"vjcv"pw o dgt"ugg o kpñ{"itqy"df"vjg"uk o rn{"gz rg fkgpv"qh"kpetcukp i"vjg"pw o dgt"qh" {gctu"kp"vjg"nkhg"e{eng."uq"vjcv"df"vjg" hcnn"qh"4234."vjg" MRO I "cwfkv."d{"wukp i "c"64/{gct"nkhg"e{eng."eqwnf"o cmg"vjg" enck o "vjcv"vjg"ötgcñ"equv÷"qh"vjg"H/57"y cu"&670:"dknnkqp õ c"htct"et{"htq o "vjg" &38"dknnkqp" ɬ i wtg"wgf" d{"vjg"iqxgtp o gpv"lwu"vyq" {gctu"dghqtgl"Dwv" d{"vjcv" vko g."vjg"Jctr gti"iqxgtp o gpv"jcf"nquv"vjg"kpkykvkxg."cpf"uk o rn{"uvqr rgf"vjg" H/57"ceswkukvkqp."uvctvkpi"qxgt"cv"vjg"dgikppki õ cpf."ktqpkecmn{.wukp i "rtg/ ekugn{"vjg"o cpc i g o gpv"o qfgn"wgf" d{"vjg"Vtwfgcw"iqxgtp o gpv"kp"vjg"3;92u

Hqt" o cp{"qdugtxgtu."vjg"fgnc{u"ecwug f" d{"Eqpubtxcvkxg" o ku o cpc i g/ o gpv"tg rtgugpv" c"rqnke{ "hcknwttg"qh" o clqt"rtqrqtvkqpul"Ykj "vjg"rtqewtg o gpv" kp"nk o dq"hqt" o cp{" {gctu."vjg" Tq{cn"Ecpfc kcp" Ckt" Hqteg" y knn"dg" hqteg f"vq" E{"c" rtqi tguukxgn{"cikpi" Eggy"qh"lgv" ɬ i jvgtu" y gnn"kpvq"vjg"4242u." y kj "cnn" vjg" pgicvkxg" eqpug swgpegu" hqt" cp" ghgevkxg" cpf" equv/ ghgevkxg" Ecpfc kcp" fghgpeg"rqnke{}

Dwv" Lc{"ö J quu÷"Dcnctf" y qwnf"pqv"dg"co qpi"vjqug" y jq" o qwtp"vjg" rqnkvkecn" o ku/uvgru"vjcv"ecuv"vjg"H/57"kpq"nk o dq"Qp"vjg"eqpvtct{"< Dcnctf" uggv"vjg"ötgugv÷"qh" Fgego dgt"4234"cu" c"vk o gn{"qrrqtvwpk {"vq"tgvj kpm"vjg" gpv jwukcu o "hqt"vjg"H/570"Cu"cp"ceeq o rnku jgf" ɬ i jvgt"rknqv."Dcnctf"ctiwgu"

The F-35 and Canada: A Fighter Pilot's View

Jay “Hoss” Ballard

4" Vjg"H/57"cpf"Ecpfc<"C"Hi jvgt"Rknqvuu"Xkg y"

V J G"EWTTGPV"GPXTQPOGPV

V j g" l tuv" k o rgtcvkxg" kp" v j g" ewttgpv" TECH" fghgpeg" gpxktqp o gpv" ku" v j cv"
Ecpfc" o wuv" tgrnceg" kvu" nqpi" ugtxkpi" EH/3: 6" Eggv" V j gug" lgvu" j cxg" mgrv"
Ecpcl μ

6" Vjg"H/57"cpf"Ecpfc<"Hki jvg"Rknqvuu"Xkg y"

TC O "tgfwegu" o quv"qh"vjg"tg o ckpkpi "tcfct" gpgti {"vjcv" jcupuv"dgfp" tgEgevgf"cy c{ "d{ "ujcrkpi0"TC O "vtgev o gpv"ku"wugf"vq" o kpk o k|g"vjg" tg o ckpkpi "42/rtegv"qh"tcfct"tgEgevkqp"vjcv"cktetchv"ujcrkpi "fqqupuv" tg o qxg0"TC O "ecp"kpewfg"c"eqcvkpi "vjcv"ku"rckpvgf"qp."c"utweewtcn"ecr/ rkp i "rww"kp"rnceg"qxgt"xgt {"tgEgevkxg"utcki jv"gf i gu."qt"c"eq o dkpcvkqp"qh" vjg"vq0"Qh"pqvg."vjg"gzvtcqtfkpc tkn{"qpgtqwu."rquv/o ckpvpgcpeeg"TC O " vtgev o gpv"rtqeguu"cuuqekcvf"ykvj"vjg" H/339C"ycu"c"rtk o ct {"tgcuqp" hqt" kvu"nqy "cxckncdknkv {"tcvg"cpf"gctn{"tgyktg o gpv0"Uq"o quv"cktetchv"fgukipgtu" ugqm"vq" o kpk o k|g"kvu"wug0

Uvgcnv j "ku"ko rqtvcpv"dgecwug"kv"rtqxkfgu"vjg"Nqy "Qdugtxcdng"cktetchv" ykvj"c"vcevkecn"cfxcpcig"d{ "kpvgttwrvkpi "vjg"cfxtuct{uv"gpicig o gpv"ömknn" ejckp0:=34"Vjg"enqutg" {qw"ecp"igv"vq"c"vctigv"wpuggp."gur gekcmn{ "kh"wpfgygevgf"

htgswgpe{."3/4" o gvtg" y cxgngpi vj "*X J H◊"V jku"v{ rg"qh"htgswgpe{ "ku"nctign{" wpchhgevgf" d{ " o qkuvwtg"kp"v j g" ckt. y jkej "cnnqyu" hqt"gzvgpfgf"tcpig"qr gtc/ v kqpu◊"Ewttgpv"nqpi/tcpig"tcfctu"ecp"fgvgev" c" l i j vgt"uk|gf"vctigv"qvw"vq"532" o kngu◊36"V jku"nqygt"tcfct"htgswgpe{ "jcu" jkuvqtkecm{ "pqy" rqugf" c" v j tgcv"vq" uvgnv j" cktetchv"cu"v j g"vctigv"nqecvkqp"fcvc."ur gekłecm{ "cping"ceewtce{ "cpf" tguqnwwkqp." y cu"vqq"rqqt"vq"ewg"cpf" i wkgf" o kuukngu◊

Kp"eqpvtcuv."jki jgt"htgswgpe{ "*ujqtvgt" y cxgngpi vj+"tcfct" y cxgu"kp"v j g" egpvk o gvtke"U+"cpf"*Z+"dcpf."jcxg"jkuvqtkecm{ "dggp"o wej"dgwgt"cv"rtqxkfkpi" swenkv{ "vtcemkpi" kphqt o cvkqp"vq"gpcdh"UC O"u{uvgo u"vq"gpicig"vctigv"v"V j g" Z/dcpf"ku"y kfgn{ "wug f"kp"ngice{ "vctigv"vtcemkpi"u{uvgo u"v j cv"ygtg"rtqfwegf" kp"v j g"Uqxkgv"Wpkqp"cpf"gzrqtvgf" y kfgn{ "v j tqwi j qvw"v j g" y qtnf◊"Kv"hqpnqyu" v j cv"ukpeg"v j ku" y cu"v j g"rtk o ct{ "o gcpu"qh"ceswtkpi"cp"cktetchv"cpf" i wkgf" kpi" c"UC O"qpvq" c"vctigv."kv" y qwnf"dg"v j g"htgswgpe{ "dcpf"v j cv"NQ"cktetchv"fg/ uki pgtu" y qwnf"eqpegpvtcvg"qp◊"Eqwpvgtkipi"v j g"Z/dcpf"ku" c"uqpkf"ic o g"rn cp" qp◊{ "cu"nqpi"cu"v j g"hqnmu" o cmkpi"cfxgtuctkn"UC O"u{uvgo u"eqpvkpwg"vq"rn c{ " d{ "v j g"uc o g"twngu i

EQWPVGT"UVGCNV J "ECRCDKNKVKGU

8" Vjg"H/57"cpf"Ecpfc<"Hki j vgt"Rknqvuu"Xkg y"



Vjku"Pk|jp{/Pqxqiqtqf" Tgugete j "Kpuvkvwg"*PPKKTV+"77\j8OG"tcfcu{uvgo"ycu"qp"fkuric{"cv"vjg"Cw i wu"4235"O CMU"ctkujqy"cv"\jwmqxum{."Iwuv"qwuufg"qh"Oqueqy"Kv"hgcvwtgu"XJH""N/dcpf"cpf"U/dcpf"modules"jcv"ctg"cm"rctv"ql"ep"kpvg i tcvg f"tcfcu{uvgo"l"Gcej"module"éqpvcvpu"cp"cevkxg,"nggevtqpkem{"uecpgf"cttc{"*CGUC"tcfcu"CY (UV"l"Dkm"Uyggvo cp"Rjqqq+

Ewttgpv"Twuukcp"eqwpvgt"uvgcnj"tcfcvgej pqlqi {"tguvu"qp"vj tgg"rknncu0"Vjg"ltuv"ku"c"jgcx {"tgnkcppeg"qp"vjg"XJH"dcpf"hqtf"fgvgevq"cpf"ewgkpi"vjg"ugeqpf"ku"vjg"cfqrkqp"qh"uvvg"qh"vjg"ctv"vgej pqlqi {"y jkej"kpenwfgu"vjg"kpvg i tcvkqp"qh"eqo o gtekcn."qhh"vjg"ujgnh"EQVU+"jctfyctg"cpf"uqhv y ctg"vq"ko rtqgx"ewgkpi"cpf"hwug"kprwv"htqo"ownvkrng"uqwtegu³⁹"cpf"vjktf"ku"vjg"cfffkvqp"qh"rcuukxg"tgegkxgtu^{3:}"qpvq"pgy"u{uvgo"cu"ygn"cu"tgytq{vvgf"qpvq"qnfgt"UCO"u{uvgo"u

Y J ["XJ HA

Cu"ogpvkqpgf"gtcnkgt"kp"cktetchv"ujcrkpi."NQ"cktetchv"ygtgf"fgukipgf"vq"o kpk o k|g"Z/dcpf"tgEgevgf"gppti {"cpf"kipqtgf"vjg"XJH"tcfcu"htg swgpe {"dgecwug"kv"ycupw"dgkpi"wgf"cu"rctv"qh"vjg"kill chain" Ygn."kpvgtguvkpin{."vjg"XJH"y cxgnpgpivj"qh"3/4"ogvtgu"vgpfu"vq"dg"cv"vjg"ucog"ngpivj"cu"oclqt"hgcvwtgu"qh"o quv"vcevkecn"uk|gf"cktetchv"uwej"cu"y kpi vkrup"cpf"eqpvtqn"uwthcegu0"Vjg"Cwuvtnkc"CKt"Rqygt"ygdskvg"fguetkdg"kv"vjku"yc{<"

C" f i j vgt"uk|g" cktetchv"uvej"cu"vjg"LUH"ykmn"ugg"oquv"qh"kvu"ectghwnn{"fguki pgf"ujcrkpi"hgcvwtgu"hcnn"kpq"vjg"tguqpcpeg"qt"Tcngki j"uecvwgtkpi"tgikpu"]qh"X J H"ycxgu.."y jgtg"ujcrkpi"ku"qh"nkvng"qt"pq"ko rqtv."cpf"umkp"fgrvj"rgpgvtcvkqp"qh"vjg"kpfwegf"gngevtkecn"uwthceg"ewttgpwu"fgchgcvu"oquv"cdutdgpv"eqcvkpi u"qt"hc o kpcvgu³³;"

Kp"qvjgt"yqtfu."vjg"tcfct"pgpti {"ykmn"tgEgev"dcem"qhh"qh"vjg"vctig"cktetchv"ykvjkw"tgictf"vq"ujcrkpi"vgejpkswgu"qt"TC O⁴²"Hqt"knvwuvtkqp"qh"jqy"ukipk1ecpv"vjku"ku."Dknn"Uyggv o cp"htq o "Aviation Week & Space Technology"urqmng"ykvj"c"Twuukcp"gpikpggt"cv"vjg"OCMU"ckt"ujqy"kp"Cwi wuv"4235."tgictfkpi"vjg"fkhhgtgpeg"kp"cktetchv"TEU"htq o "Z/dcpf"vq"X J H"Vjg"gpikpggt"pqvgf"vjcv."öv jg"Ejkpgug"FH/37"ujqtv/tcpi g"dcnnkuvke"o kuukng"jcu"c"20224"o 4"TEU"kp"Z/dcpf."dwu"ku"c"xgt {"pqp/uvgcnvj {"208"o 4"kp"X J H"Vjcv"gswcvgu"vq"cp"TEU"vjcv"ku"522"vk o gu"nctigt"kp"X J H"vjcp"kp"Z/dcpf"

Twuukcp"X J H"tcfct"vgejpkswgu"uvctv"ykvj"vjg"cffkvkqp"qh"o wnvkrng"CGUC"tcfctu"eqxgkpi"fkhhgtgpv"htgswgpe{"dcpf"u"CGUC"tcfct"cmnqyu"htq"dge o"uvggkpi"cu"ygnn"cu"i tgcvn{"k o rtqxg"fcvc"rtqeguukpi"cpf"gpjcpiegf"vctig"cpiwnc"vtcem"fcvc"qxgt"eqpxgpkqp"tcfct"vtcpu o kvvgtu"Chuq"ko rtqvcpv"ctg"vjg"lco o o kpi"tgukucpeg"ecrcdknkvkgu"kpjgtgpv"kp"vjg"CGUC"tcfct"fwg"vq"pwnmkpi"vgejpkswgu⁴⁴"cu"ygnn"cu"vjg"EQVU"vgejpkswgu"vjcv"jcu"ko rtqxgf"vjg"jctfyctg"cu"ygnn"cu"uqhvyctg"qh"pgygt"UCO"u{uvgo u"CMn"qh"vjgug"ko rtqxg o gpvu"jcxg"tguwnvgf"kp"vjg"cdknkv{"htq"pgygt"UCO"u{uvgo u"vq"qrgtcvg"kp"cjgcx {"lc o o kpi"gpkxktpo gpv"cpf"uvkn"fkurnc{"qpg"vctig"kh"kv"tgegkxgu"tgvwtpu"qp"vjcv"uc o g"eqpvcev"htq o "vjq"qt"o qtg"ugpuqtu"qrgtcvki"kp"fkhhgtgpv"dcpf"u"Vjku"o gcpu"vjcv"NQ"vctigv"ecp"dg"ceswktgf"kp"X J H"cpf"vjgp"jcpfgf"qhh"vq"vjg"N"cpf"U/dcpf"tcfctu"htq"ko rtqxgf"vctigkpi"swcnkv{"cpf"gpicigo gpv"

RCUUKXG"CI I TGUUKXG

Rgtjcr"vjg"oquv"yqttkuq o g"vgejpkecn"fgxgnqr o gpv"kp"Twuukcp"UCO"u{uvgo u"ku"vjg"kp eqtrqtcvkqp"qh"rcuukxg"tgegkxgtu"Vjgug"o wnvk/cpvgppcg"u{uvgo u"ctg"ecrcdn"qh"tgegkxkpi"cpf"vtkcp i wncvki"cevkxg"gngevtq o cipgyke"go kuukkpu"htq o "cfxtuct {"cktetchv"tcfctu."fcvc"nkp"cpf"tcfkqu"Xgxp"o qtg"vtqwdnguq o g"ku"vjcv"vtcpu o kuukkpu"htq o "cp{"uqwteg"o wnvk/dcpf"tcfctu."egnn"rj qpg"ukipcn."CO"cpf"HO"tcfkq."vngxkukqp"dtqc fecuvu."gvef"vjcv"tgEgev"qhh"qh"cp"cktetchv"ecp"dg"eqnnegev"cpf"wgf"htq"ceswktkpi"vctigv"cpf"ewgkpi"o kuukngu"Ukpeg"vjgug"tgegkxgtu"fq"pqq"o kv"cp{"vtcpu o kuukkpu."vjg{"ctg"o qp"vpv

: " Vjg"H/57"cpf"Ecpfc<"Hki jvg"Rknqvuu"Xkg y"

vjg{"ecp"cevwcnn{"dg"hwfpf0"Vjgug"tgegxgtu"ecp"dg"kppeqt rqtvcvgf"kpq"ngice{"UCO"u{uvgo"cu"ygn"cu"kpvgitcvgf"kpq"ewvvpki"fg"kpvgitcvgf"Ckt"FGhgppeg"U{uvgo"u"KC FU+"hqt"cffgf"tgfpfcp{"cpf"eqwpvgt"NQ"ecrcdknv{0

Vjg"dki i guv"vcmgcyc{"htqo"cfxcpegu"kp"eqwpvgt/uvgcnvj"ku"vjcv"jki jn{"kpvgitcvgf"cktetchv"ctg"vcmkpi"uq"hpqi"vq"cejkxg"kpkvkn"qrgrtcvkqpcn"ecrcdknv{"vjcv"tgnckxgn{"ejcr"fgghgpukxg"u{uvgo"ecp"dg"lgnfgf"hcwgt"cpf"ykvj"htgujgt"vgejpqnqi{0"cp"qrqrqpgpv"ecp"dg"hqteg"vq"urgpf"jwig"c o qwpvu"qh"o qpg{"vq"eqwpvgt"vjg"nqy"equv"fgghgpukxg"u{uvgo"u"vjcv"ctg"rtqnkhgtcvkp{i"Gcej"counter"jcu"vq"dg"kpvgitcvgf"kpq"cmn"cktetchv."yjkej"o cmgu"vjgo"jgcxkgt."unqygt"cpf"nguu"o cpqgwxtcdng0" Cktetchv"vjgp"dgeqo g"uq"gzrgpukxg"vq"dw{"cpf"qrgt/cvg"vjcv" {qw"ecpi"rwtejcg"cu"o cp{"cu"pggfef."pqt"ecp" {qw"dw{"uhwlekgpv"swcpvkvkgu"qh"ygrqpu"cpf"rc{nqc fu"vq"o cmg"vjgo"c"vtwg"hqteg"o wnvkrnkgt{45"J o o"o"o cmkpi{"qwt"cfxtuct{"urgpf"vjgo"ugnxgu"kpq"dcpmtrrve{"vq"vt{"cpf"mggr"wr"ykvj" {qw"o knkctkn{"o"fqgu"cp{vjkpi"vjgt"uqwpf"hc o knkct"comradeA46

KU"UVGCNV J "TGSWKTGF"VQ"ECTT["QWV"VJG"ECPCFC"
HKTUV"FGHGPEG"UVTBCVG I [A

Cp{"pgy"cktetchv"jcu"vq"dg"ecrcdng"qh"weeguuhwnn{"ectt{kpi"qww"kvu"rqt/vkqp"qh"vjg"ukz"eqtg"o kuukqpu"nckf"qww"kp"vjg"Ecpcfc"Hktuv"FGhgppeg"Uvtcvgi {"*EHFU+0"Vjg"rtko ct{"qh"vjqug"ukz"o kuukqpu"ku."öEqpfwev"fcn{"fqo guke"cpf"eqpvkpgpvn"qrgrtcvkqpu."kpenwfkp{i"kp"vjg"Ctevke"cpf"vjtqwi j"PTCFC0..47"Vjku"o kuukqp"tgsuktgu"cktetchv"ecrcdng"qh"qrgrtcvkpi"kp"vjg"hwnn"tcpig"qh"Ecpcfcp"enlk o cvgu."kpenwfkp{i"vjg"Ctevke"gzvtgo guu" Hki jvg"o wuv"dg"cdng"vq"kpvgtegrv"

Lc{ "ö J quu÷"Dcmctf" ;

vq"eq o dcv"cp f"tgswktgu"cp"cktetchv"ecrcdng"qh" o wnvk/urgevtwo "qrgtcvkqpu0"
Ecrcdknkvgu"tg swktgf"kpenwfg."dwv"ctg"pqv"nk o kvgf"vqk"pqp/vtcfkvkqpcn"kpvgn/
nkigpeg."uwtxgknncpeg"cp f"tgeqppckuucpeg."qhhgpukxg"cp f"fhghgpukxg"eqwpvgt"ckt"
qrgtcvkqpu."dcvvng l gnf"kpvgtfkevkqp."uvtkmg."enqug"ckt"uwr rqtv"cp f"vjg"uwr rtgu/
d o ukqp"qh"gpqo {"ckt"fighgp

32" Vjg"H/57"cpf"Ecpfc<"C"Hkjvgt"Rknqvuu"Xkg y"

örtqdg"cpf"ftqiwg;"u{uvgo."yjkej"jcu"c"nqpi"jqug"vjcv"ku"wptggngf"dgjkpf"
vjg"cktetchv."ykvj"c"tghwgnmkpi"dcumgy"cv"vjg"gpf"vjcv"vjg"rknqv"rnwiu"kpvq"ykvj"
cp"gzvgpfcdng"rtqdg"kp"qftgt"vq"tgeglxg"hwgnl"Vjg"H/57C."vjg"lgv"Ecpfc"jcf"
kpkvkcn{"ukipgf"wr"vq"dw{."ku"vjg"WUCH"oqfgn"vjcv"wugu"vjcv"ugtxkegiu"cgtkcn"
tghwgnmkpi"vcpcfctf"qh"ödqqo"cpf"tgeglxgtl;"Kp"vjku"u{uvgo."vjg"tgeglxkpi"lgv"
ku"Eqyp"kpvq"rqukvqp"dgjkpf"vjg"tghwgnmkpi"vcpmgt"cpf"c"tkikf"dqo"ku"i wkgf"

34" Vjg"H/57"cpf"Ecpfc<"C"Hkjvgt"Rknqvuu"Xkg y"

Notes

30" 678^{vj}

36" Vjg" H/57" cpf" Ecpcfc<"C" Hki j vgt" Rknqvuu" Xkg y"

350" C" öuqhvh" mknn÷" tghgtu" vq" c" pqp/ngvjcн" qt" vg o rqtct{ "k o rcev" c i ckpuv" c" u{ uvg o 0" Kv"

- 490" Cctqp"Ogjvc."öCkt"Eq o dcv"Eq o o cpfuu"Eq j cmg pig"DW{ "Pgy"qt"Oqfgtpk|g"Qnfgt"
Cktetchv.;"Ckthqteg"Vl o gu."Hgdtwct{ "4."4236."jwr<ly y y\ckthqtegvko gu\eq o l
ctvkeng|423624241PGYU261524242227|Ckt/Eq o dcv/Eq o o cpf/u/ejcmg pig"
/Dw{/pgy/oqfgtpk|g/qnfgt/cktetchv\ I gpgtcn" J quvc ig."Eq o o cpf gt"qh"vjg"
CEE."uvvgf"vjcv."öVjg" H/57"ku"pqv"dwknv"cu"cp"ckt"uwr gtkqtkv{" rncvhqt o 0"kv"
pggfu"vjg" H/440;
4;0" Fgrctv o gpv"qh" Pcvkqpcn" Fghgpeg. "Canada First Defence Strategy í . ;/320
4;0" Cnn"fqmnct"co qwpvu"uvvgf"ctg"kp" W0U0"fqmnctu0"Qh"pqvg."cv"vjg"vk o g"qh"y tkvki."
vjg"Dcpm"qh"Ecpfc"ycu"gzrgevkpi"qpg"Ecpfc kcp"fqmnct"vq"dg"y qtvj\;2"egpvu"
W0U0"kp"v\jgl\pgct"hwwtg"cpf"uvc{"cv"z o e ! cn \o n o n o

About the Author

Lc{"Dcnctf"ku"c"4:/{gct"xgygtcp"qh"vjg"Cgtqurceg ("Fghgpeg"ugevqt\|J g"ku"c"hwnn"vk o g"kpvgtpcvkqpcn"o knkvct {"eqpuwnvcpv."urgcmgt"cpf"rtqhuukqpcn"o knkvct {"gfwecvqt"yvj"enkgpvu"kp"Ecpfc."vjg"WU"cpf"egpvtcn"cpf"gcuvgt" Gwtqrq\|J g"tgyktgf"htq o "vjg"WU"Pcx {"kp"422:"chvgt"\|{kpi"5.:22"jqwtu"kp" uvtkmg"\| i jvgt"cktetchv."y jkej"kpewfgf"vjg"HC/3:"J qtpgv"*4.222"jqwtu\|.vjg" H/7G."H/38C"cpf"VC/6\|J g"fggrnq{gf"\|xg"vk o gu"ctqwpf"vjg"yqtif"cpf"rct/\ vkekrcvgf"kp"pw o gtqwu"qrgtcvqpu"y jkng"ceew o wncvkpi"o qtg"vjcp"722"cttguvgf" ncpfkpi"qp"cktetchv"ecttkgtu\|J g"jgnf"swcnk\|ecvkqpu"vjcv"kpewfgf<"Vqr i wp" Uvtkmg"Hi jvgt"Vcevkeu"\|pnuvtwevqt."Ecttkgt"CKT"Y kpi"o"V J TGG"Eq o dcv"Uvtkmg" Ngcfgt"cpf" WUU"CDTC J CO"NKPEQNP"*EXP/94+"Ckt"Dquu."co qpi"qvjgtu\|

