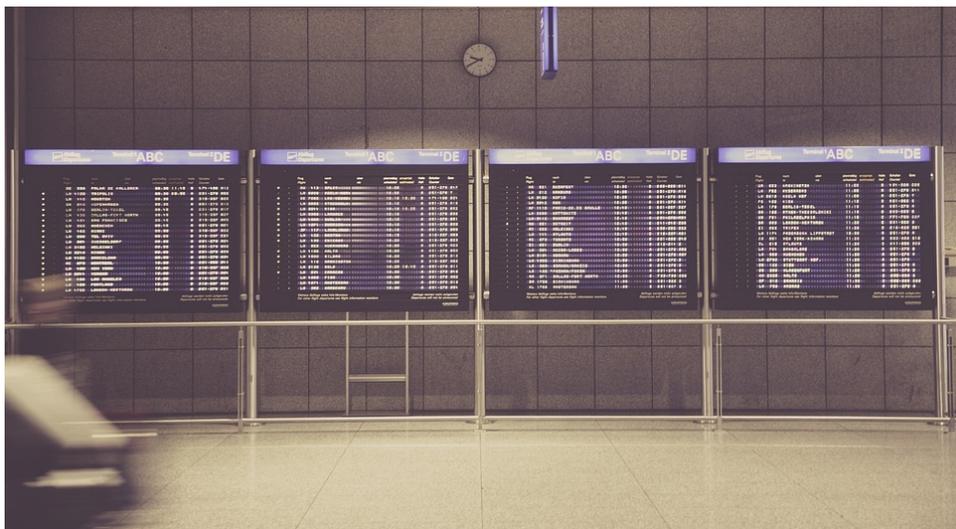


7 mVYf!G]W\ Yf\ Y]hgf]g]_Yb`ZØf
; YgW\ ÀZhgfY]gYbXY. 'l bhYfbY\ a Yb
fYU[]YfYb`ni`gdÀh

9bhXYW_Yb`G]Y`X]Y`U`Ufa`]YfYbXYb`9f[YVb]ggY`XYf`l a ZFU[Y
/ ei ch7\YZgUW\Y`6i`g]bYgg`HfUj`Y`/ ei ch/`?bUdd`+\$i``XYf`
; YgW\ ÀZhgfY]gYbXYb`k`i`fXYb`C`dZYf`j`cb`7mVYf!5b[f]ZZYb`"
9fZU\ fYb`G]Y`ž`k`Ufi`a`'l`bhYfbY\`a`Yb`XUg`DchYbn]U`j`cb
F Y]gYf]W\h`b]Yb`b]W\h`Ui`ggW\`ÒdZYb`i`bX`k`Y`W\Y`A`U»`bU\`a`Yb
ni`f`GYbg]V`j]g]Yfi`b[`i`bX`ni`a`GW\`i`hn`XYf`A`]hUfVY]hYbXYb
b`Òh[`[`g]bX`"GW\`Ø`hmYb`G]Y``À`fY`gYbg]V`Yb`8`UhYb`Ui`Z
; YgW\ ÀZhgfY]gYb`Y`ZZY`_hj`°



< UW_Yf`Ui`Z`XYf`D]fgW\.; YgW\ ÀZhgfY]gYbXY`a`J`]g]Yf`°

⇒ XYf`K`Y`h`XYf`; YgW\ ÀZhgfY]gYb`Ui`Yfb`g`fi`dY`c`gY`7mVYf!
?f]a`]bY`Y`i`bX`X]Y`NU\`Yb`gdFYW\Yb`6`ÀbXY`°; UbnY`+\$`DfcnYbh
XYf`; YgW\ ÀZhgfY]gYbXYb`g]bX`VYfY]hg`C`dZYf`Y]bYg`< UW_]b[`!
5b[f]Zg`[`Yk`cfXYb`ž`i`bX`Y]bY`YfgW`fYW_YbXY`&(`DfcnYbh`XUj`cb
[`Y]W\`a`Y\`fZUW`°`8]YgY`U`Ufa`]YfYbXYb`9f[YVb]ggY`ghUa`a`Yb`Ui`g
XYf`bYi`Yb`l`a`ZFU[`Y`7\YZgUW\Y`6i`g]bYgg`HfUj`Y``XYg`8Yi`hgW\Yb
F Y]gYj`YfVUbXYg`»bYž`X]Y`\`Ài`Z[`Ui`Z`FY]gYb`g]bX`ž`k`]ggYb`[`YbUi

i a 'XUg'F]g]_c. * \$ 'DfcnYbh'VYk YfhYb 'XUg'7mVYf!F]g]_c 'Ui Z']\fYb
F Y]gYb 'U'g'\cWx "

8 Ug]gh_ Y]b 'GdU» žXYbb 'X]Y 'I bhYfbY\ a Yb '\]bhYf'UggYb'k Yfhj c``Y
8 UhYb 'i b[YgWx Øhnh" 'C dh]a U'Y 'G]Wx Yf\Y]hg]Wx h]b]Yb'k YfXYb'c Zh
j YfbUWx `Àgg][h'K À\ fYbX']a a Yf\]b' (+ 'DfcnYbh'XYf'6YzFU[hYb
Ub[YVYbž']\fY'5fVY]h[YVYf'ÀhhYb' _'UfY'J cf[UVYb'ni f
J YfgWx `ØggY'i b['gYbg]V'Yf'8 UhYb' i bX'ni 'fY[Y'a À»][Yb'GcZhk UfY!
I dXUhYgž'V'Y]Vh'XYf'GWx i m'XYbb'cWx 'Ui Z'XYf'GhfYW_Y" 'I bX'k c
V'Y]Vh'X]Y 'GYbg]V']g]Yfi b['XYf'A]hUfVY]hYf3' (('DfcnYbh'XYf':]fa Yb
gYhYb'GWx i 'i b[Yb'Y]bž'i a '\fY'A]hUfVY]hYf'ni 'gWx ØhYbž'XcWx
j]Y'Y'ZØ\ 'Yb'g]Wx 'hfc mXYa ']a '8 i b_Y'b. '() 'DfcnYbh'XYf'
; YgWx `Zhg]Y]gYbXYb'g]bX'bi f'hY]'k Y]gY'cXYf'gc [Uf' [Uf'b]Wx h
[Ybi ['ØVYf'a Ø[']Wx Y'7mVYf!F]g]_Yb']bZcfa]Yfh"

; YZU\ fYb 'Ui g'XYf'7`ci X. 'K]Y' < UW_Yf
ni gWx `U[Yb

2 ZYbh]Wx Y'K @5B!BYhk Yf_Y'g]bX'Y]b'DUfUXYVY]gd]Y``ZØf'X]Y
k UWx gYbXYb'; YZU\ fYbž'XcWx 'bi f' (%'DfcnYbh'XYf'I bhYfbY\ a Yb
j Yf'Ub[Yb'j cb']\fYb'5b[YghY``hYb'X]Y'Bi hni b['Y]bYg'J]fhi U'
Df]j UhY'BYhk cf_ fU DB'ni f'5Vg]Wx Yfi b["'8]Y'J Yfk]ffi b[']gh[fc» ž
k Ybb'bi f" , 'DfcnYbh'XYf':]fa Yb'gc [Uf'j YfV]YhYbž'df]j UhY'; Yf`AhY
ZØf'X]Ybgh]Wx Y'Nk YW_Y'ni 'j Yfk YbXYb'°9]b'k Y]hYfYf
gWx cW_Y]YfYbXYf': U_h'Bi f' ' * 'DfcnYbh'gYhYb'Ui Z'g]Wx YfY
DUggk ØfhYf'i bX'bi f' & 'DfcnYbh'Y[Yb'G]Wx hgWx i mZ]hYf'ZØf
6]XgWx]fa Y'ZYgh'8 Ug'a UWx h'X]Y'5b[f]ZgZ`AWx Y'ZØf' < UW_Yf'bi f
[fØ» Yf°

8]Y'J YfUbhk cfhi b[``]Y[h'YXcWx 'b]Wx h'bi f'VY]'XYb'I bhYfbY\ a Yb"
8]Y'A]hUfVY]hYbXYb'a ØggYb'g]Wx 'YVYbZU`g'VYk i gghigY]b'i bX
U_h]j '9fbgh'bY\ a Yb"" + 'DfcnYbh'bi hYb'cZh'J DBgž' ('DfcnYbh'g]bX
g]Wx 'YXcWx 'b]Wx h[Ubn'g]Wx Yfž'k]Y'cZh'g]Y'XUVY]'ja 'g]Wx YfYfYb
A cXi gi bhYfk Y['g'g]bX" 'G]bX'X]Y'DUggk ØfhYf'ghUf_ [Ybi [3' (%
DfcnYbh[YVYb'bi f'gdcfUX]gWx 'a Y\ f'A Ø\ Y'U'g'bØh][' 'Y]b
[YZÀ\ f']Wx Yg'Gd]Y``'I bX'k Ybb'Yg'i a 'XYb'GWx i m'XYf'6]XgWx]fa Y
]b'XYf'2 ZYbh]Wx _Y]h[Y\ hž'g]bX'X]Y'Gcf[Yb'cZh'j Yf[YggYb. 'Bi f' ' 'DfcnYbh'UWx hYb'fY[Y'a À»]['XUfUi Z'k]Y'g]Wx '\fY'gYbg]V'Yb

⊕Zcfa Uh]cbYb' bUW\ 'Ui » Yb' dfÀgYbh]YfYb"

? Ua dU[bY' [Y[Yb' 7mVYf!; Yk U`h

8]Y' ⊕]h]Uh]j Y' 7\YzgUWY' 6i g]bYgg'HfUj Y' 'k]'' [YbUi '\]Yf
UbgYhnYb' °N]Y'']gh'YgžXUg'A UbU[Ya Ybh'j cb'; YgW\ÀZhgfY]gYb'U`g
ghfUhY []gW\Yg'H\Ya U'ni 'YhUV`]YfYb' i bX'XYb'Bi hnYb'Y]bYg
Xi fW\XUW\hYb'; YgW\ÀZhgfY]gYa UbU[Ya Ybhg']b'Ni gUa a YbUfVY]h
a]h'FY]gYVØfcg'ni 'nY][Yb'" 5i W\XUfUi g'fYgi 'h]Yfh'XYf' 5i Zfi Z'Ub
X]Y' l bhYfbY\ a Ybž' _UFY' FY [Y'b'Ui Zhi ghY''Yb' i bX'fY [Y'a À»][Y
GW\i 'i b [Yb'Ubni V]YhYbž'i a ']\fY' FY]gYbXYb'ni 'gW\ØhnYb"

8]Y' l a ZfU[Y'k]fX'gY]h'&\$%&'À\ f'W\Xi fW\ [YZØ\ fhi bX'Vf]b [h
@]W\h']bg' 8i b_Y''XYf' 7mVYf!; YZU\ fYb' ZØf'fY]gYbXY': UW_fÀZhY''
&\$ \$'9bhgW\Y]Xi b [ghfÀ [Yf'Ui g'j YfgW\]YXYbYb' 6fUbW\Yb'k]Y
< UbXY'ž' 8]Ybgh'Y]ghi b ['i bX' ⊕Xi ghf]Y '\UVYb' Ub'XYf''YhnhYb' 5_h]cb
hY] [Ybca a Yb'" 8]YgY'Ghi X]Y'nY][h'b]W\h'bi f'X]Y'Vf]gUbhY '@U [Y
Ui Z'gcbXYfb'Ui W\XYb' 6YXUfZ'bUW\YZZY_h]j Yb
GW\i hna U» bU\ a Yb°

K]f'ghY\Yb'Ua ' 5bZUb ['Y]bYf'bYi Yb' ŸfUž'i]b'XYf'XYf'GW\i hn
gYbg]V'Yf' 8UhYb' b]W\h'U`g '@ l i gž'gcbXYfb'U`g'DZ]W\h'j YfghUbXYb
k YfXYb' a i gg'" 8]Y'Ni _i bZiXYg'g]W\YfYb' FY]gYbg''Y [h']b'XYb
< ÀbXYb'XYf' l bhYfbY\ a Yb' i bX']\fYf' A]hUfVY]hYf°

8YhU]`g

6Ygi W\Yb'G]Y' i bg'Ui Z. 'a Y]b!VYf`]b"bYh